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(FILE 'HOME' ENTERED AT 13:12:33 ON 21 APR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS'
ENTERED AT 13:12:58 ON 21 APR 2005

L1 1235514 S KINASE?
L2 13600 S "LIM"
L3 2061 S L1 AND L2
L4 945 S HUMAN AND L3
L5 409803 S SERINE OR THREONINE
L6 274 S L4 AND L5
L7 6556547 S CLON? OR EXPRESS? OR RECOMBINANT
L8 221 S L6 AND L7
L9 2740139 S ANTIBOD?
L10 66 S L8 AND L9
L11 959617 S POLYCLONAL OR MONOCLONAL
L12 10 S L10 AND L11
L13 10 DUP REM L12 (0 DUPLICATES REMOVED)
L14 162 S L4 AND L9
L15 110 DUP REM L14 (52 DUPLICATES REMOVED)
L16 85578 S "FAB" OR "F(AB')2" OR "FAB"
L17 0 S L15 AND L16
E YAN C/AU
L18 1078 S E3
E KETCHUM K A/AU
L19 457 S E3-E7
E DIFRANCESCO V/AU
L20 117 S E3-E4
E BEASLEY E M/AU
L21 314 S E3
L22 1725 S L18 OR L19 OR L20 OR L21
L23 1 S L15 AND L22

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=> s kinase?
L1 1235514 KINASE?

=> s "LIM"
L2 13600 "LIM"

=> s l1 and l2
L3 2061 L1 AND L2

=> s human and l3
L4 945 HUMAN AND L3

=> s serine or threonine
L5 409803 SERINE OR THREONINE

=> s l4 and l5
L6 274 L4 AND L5

=> s clo9n? or express? or recombinant
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=> s clon? or express? or recombinant
3 FILES SEARCHED...
L7 6556547 CLON? OR EXPRESS? OR RECOMBINANT

=> s l6 and l7
L8 221 L6 AND L7

=> s antibod?
L9 2740139 ANTIBOD?

=> s l8 and l9
L10 66 L8 AND L9

=> s polyclonal or monoclonal

L11 959617 POLYCLONAL OR MONOCLONAL

=> s l10 and l11

L12 10 L10 AND L11

=> dup rem l12

PROCESSING COMPLETED FOR L12

L13 10 DUP REM L12 (0 DUPLICATES REMOVED)

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L13 ANSWER 1 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:101983 HCAPLUS

Correction of: 2005:14607

DOCUMENT NUMBER: 142:171158

Correction of: 142:87734

TITLE: Gene **expression** that correlated with breast cancer recurrence and patient survival, and diagnostic and therapeutic uses thereof

INVENTOR(S): Erlander, Mark G.; Ma, Xiao-Jun; Wang, Wei; Wittliff, James L.

PATENT ASSIGNEE(S): Arcturus Bioscience, Inc., USA

SOURCE: PCT Int. Appl., 53 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005001138	A2	20050106	WO 2004-US19451	20040618
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-479963P P 20030618
US 2004-545810P P 20040218

AB The invention provides for the identification and use of gene **expression** profiles, or patterns, with clin. relevance to breast cancer. In particular, the invention provides the identities of genes that are correlated with patient survival and breast cancer recurrence. Four genes, DEEPEST/ASTRIN, RACGAP1, ZNF145/PLZF, MS4A7, were shown to be strong prognostic factors for predicting tumor recurrence after surgery and adjuvant therapies. The gene **expression** profiles may be embodied in nucleic acid **expression**, protein **expression**, or other **expression** formats and used to predict the survival of the subjects afflicted with breast cancer and to predict cancer recurrence. The profiles may also be used in the study and/or diagnosis of breast cancer cells and tissue, including the grading of invasive breast cancer, as well as for the study and/or determination of prognosis of a patient. When used for diagnosis or prognosis, the profiles may be used to determine the treatment of breast cancer based upon the likelihood of life expectancy and recurrence.

L13 ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:718550 HCAPLUS

DOCUMENT NUMBER: 141:241509

TITLE: Differentially **expressed** nucleic acids that correlate with KSP **expression** and their use as markers for diagnosis, classification, and treatment of cancer

INVENTOR(S): Huang, Pearl S.; Jackson, Jeffrey R.

PATENT ASSIGNEE(S): SmithKline Beecham Corporation, USA; Hedge, Priti S.

SOURCE: PCT Int. Appl., 87 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074301	A2	20040902	WO 2004-US4276	20040213
W:	AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-447842P P 20030214

AB The present invention is based on the discovery of differentially **expressed** nucleic acid markers that correlate pos. or neg. with **expression** levels of the mitotic kinesin KSP (kinesin-like 1, also termed HsEgS). Because KSP **expression** is increased in certain tumor types but not others, the markers can be used as surrogates for KSP (or alternatively in combination with KSP) to classify tumors into different general classes or types. The **Human** U133 chip set from Affymetrix comprising .apprx.44,000 gene probes was used to show that breast infiltrating carcinomas fall into 3 classes. Tumors with normal KSP levels showed significant up-regulation of signal transduction genes, but significant down-regulation of cell cycle genes, whereas most tumors with high levels of KSP exhibited down-regulation of signal transduction genes and up-regulation of cell cycle genes. A third group of tumors having high KSP levels showed up-regulation of both signal transduction genes and cell cycle genes. Thus, a variety of classification, screening, diagnostic, and treatment methods are provided based upon these differentially **expressed** nucleic acids. Devices and kits for performing such methods are also disclosed.

L13 ANSWER 3 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:355085 HCAPLUS

DOCUMENT NUMBER: 140:369944

TITLE: **Human** tissue-specific housekeeping genes identified by **expression** profiling

INVENTOR(S): Aburatani, Hiroyuki; Yamamoto, Shogo

PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan

SOURCE: PCT Int. Appl., 372 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004035785	A1	20040429	WO 2002-JP10753	20021016
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004229233	A1	20041118	US 2003-684422	20031015
PRIORITY APPLN. INFO.:			US 2002-418614P	P 20021016
			WO 2002-JP10753	W 20021016

AB Housekeeping genes commonly **expressed** in 35 different **human** tissues, oligonucleotide probes and DNA microarrays containing them, are disclosed.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 4 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:697073 HCAPLUS

DOCUMENT NUMBER: 141:241753

TITLE: Cross-reactivity of **antibodies** to actin-depolymerizing factor/cofilin family proteins and identification of the major epitope recognized by a mammalian actin-depolymerizing factor/cofilin **antibody**

AUTHOR(S): Shaw, Alisa E.; Minamide, Laurie S.; Bill, Christine L.; Funk, Janel D.; Maiti, Sankar; Bamburg, James R.

CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Molecular, Cellular, and Integrative Neurosciences Program, Colorado State University, Fort Collins, CO, USA

SOURCE: Electrophoresis (2004), 25(15), 2611-2620

CODEN: ELCTDN; ISSN: 0173-0835

PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Members of the actin-depolymerizing factor (ADF)/cofilin family of proteins are **expressed** in all eukaryotic cells. In higher vertebrates, cells often **express** as many as three different ADF/cofilin genes and each of these proteins may be phosphorylated on **serine** 3, giving rise to up to six different species. Also, many avian, amphibian, and invertebrate systems have been useful in studying different aspects of ADF/cofilin function. **Antibodies** have been prepared against different members of the ADF/cofilin family, but no systematic examination of

their cross-reactivity has been reported. Although ADF and cofilins within a single vertebrate species have about a 70% sequence homol., **antibodies** often differentiate between these proteins. Here, Western blotting was used with chemiluminescence substrates of different sensitivities to determine the relative immunoreactivities of different **polyclonal** rabbit **antibodies** and a mouse **monoclonal antibody** to purified ADF/cofilins from plants, protists, nematodes, insects, echinoderms, birds, and mammals. From immunocross-reactivities and sequence alignments, the principal epitope in mammalian ADF and cofilin-1 recognized by an **antibody**

raised against avian ADF was identified. The specificity of an **antibody** to the phosphopeptide epitope of metazoan ADF/cofilins was confirmed by two-dimensional (2-D) immunoblot anal. Furthermore, this bank of **antibodies** was used to identify by Western blotting a putative member of the ADF/cofilin family in the sea slug, *Aplysia californica*.

REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 5 OF 10 MEDLINE on STN
ACCESSION NUMBER: 2004131546 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15023529
TITLE: **LIM kinase 1**, a key regulator of actin dynamics, is widely **expressed** in embryonic and adult tissues.
AUTHOR: Foletta Victoria C; Moussi Nathalie; Sarmiere Patrick D; Bamburg James R; Bernard Ora
CORPORATE SOURCE: Molecular Genetics of Cancer Division, The Walter and Eliza Hall Institute of Medical Research, PO The Royal Melbourne Hospital, Melbourne, Victoria 3050, Australia.
CONTRACT NUMBER: GM35126 (NIGMS)
NS40371 (NINDS)
SOURCE: Experimental cell research, (2004 Apr 1) 294 (2) 392-405.
Journal code: 0373226. ISSN: 0014-4827.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200405
ENTRY DATE: Entered STN: 20040317
Last Updated on STN: 20040506
Entered Medline: 20040505

AB The **expression** of endogenous **LIM kinase 1** (LIMK1) protein was investigated in embryonic and adult mice using a rat **monoclonal antibody** (mAb), which recognizes specifically the PDZ domain of LIMK1 and not LIMK2. Immunoblotting analysis revealed widespread **expression** of LIMK1 existing as a 70-kDa protein in tissues and in cell lines, with a higher mass form (approximately 75 kDa) present in some tissues and cell lines. Smaller isoforms of approximately 50 kDa were also occasionally evident. Immunofluorescence analysis demonstrated LIMK1 subcellular localization at focal adhesions in fibroblasts as revealed by co-staining with actin, paxillin and vinculin in addition to perinuclear (Golgi) and occasional nuclear localization. Furthermore, an association between LIMK1 and paxillin but not vinculin was identified by co-immunoprecipitation analysis. LIMK1 is enriched in both axonal and dendritic growth cones of E18 rat hippocampal pyramidal neurons where it is found in punctae that extend far out into filopodia, as well as in a perinuclear region identified as Golgi. In situ, we identify LIMK1 protein **expression** in all embryonic and adult tissues examined, albeit at different levels and in different cell populations. The rat **monoclonal LIMK1 antibody** recognizes proteins of similar size in cell and tissue extracts from numerous species. Thus, LIMK1 is a widely **expressed** protein that exists as several isoforms.

L13 ANSWER 6 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:492205 HCAPLUS
DOCUMENT NUMBER: 139:64332
TITLE: Methods for production of biochips and their use in cancer diagnosis and treatment
INVENTOR(S): Bignon, Yves Jean; Vidal, Veronique
PATENT ASSIGNEE(S): Centre Medico Chirurgical De Tronquieres, Fr.
SOURCE: Fr. Demande, 79 pp.

CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2833969	A1	20030627	FR 2001-16963	20011220
PRIORITY APPLN. INFO.:			FR 2001-16963	20011220
AB The present invention aims at manufacturing biochips of very high quality and their use in gene expression profiling for cancer diagnosis and therapy in mammals.				
REFERENCE COUNT:	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L13 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:937303 HCAPLUS
DOCUMENT NUMBER: 138:20443
TITLE: Endocrine disruptor screening using DNA chips of endocrine disruptor-responsive genes
INVENTOR(S): Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi; Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki, Yuki; Kato, Ikunoshin
PATENT ASSIGNEE(S): Takara Bio Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 386 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002355079	A2	20021210	JP 2002-69354	20020313
PRIORITY APPLN. INFO.:			JP 2001-73183	A 20010314
			JP 2001-74993	A 20010315
			JP 2001-102519	A 20010330
AB A method and kit for detecting endocrine-disrupting chems. using DNA microarrays are claimed. The method comprises preparing a nucleic acid sample containing mRNAs or cDNAs originating in cells, tissues, or organisms which have been brought into contact with a sample containing the endocrine disruptor. The nucleic acid sample is hybridized with DNA microarrays having genes affected by the endocrine disruptor or DNA fragments originating in these genes have been fixed. The results obtained are then compared with the results obtained with the control sample to select the gene affected by the endocrine disruptor. Genes whose expression is altered by tri-Bu tin, 4-octaphenol, 4-nonylphenol, di-N-Bu phthalate, dichlorohexyl phthalate, octachlorostyrene, benzophenone, diethylhexyl phthalate, diethylstilbestrol (DES), and 17- β estradiol (E2), were found in mice by DNA chip anal.				

L13 ANSWER 8 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:150944 HCAPLUS
DOCUMENT NUMBER: 137:41274
TITLE: Identification of novel targets of immunosuppressive agents by cDNA-based microarray analysis
AUTHOR(S): Cristillo, Anthony D.; Bierer, Barbara E.
CORPORATE SOURCE: Laboratory of Lymphocyte Biology, NHLBI, National Institutes of Health, Bethesda, MD, 20892, USA
SOURCE: Journal of Biological Chemistry (2002), 277(6), 4465-4476

CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The immunosuppressive agents cyclosporin A (CsA) and tacrolimus (FK506) bind to unrelated intracellular immunophilin receptors, cyclophilin (CyP) and FK506-binding protein (FKBP), resp. The complexes of CsA·CyP and of FK506·FKBP both bind to and inhibit the activity of the calcium/calmodulin-dependent **serine/threonine** phosphatase calcineurin. We used cDNA microarray anal. to characterize early **human** peripheral blood T cell transcriptional responses following antigen receptor stimulation in the absence or presence of CsA or FK506, hoping to identify novel targets dependent upon calcineurin or immunophilins or, perhaps, specific targets of either CyP or FKBP inhibitable by one drug alone. The array data failed to identify genes uniquely sensitive to only one drug, suggesting that transcriptionally regulated, immunophilin-dependent but calcineurin-independent targets fell below the limits of detection in this system. In contrast, transcript profiling identified and mRNA and protein anal. confirmed novel as well as known genes reproducibly induced or inhibited by both immunosuppressive agents. In this context, we show that transcriptional activation of Stat5a and repression of the cytokine interleukin-16 are regulated by T cell receptor engagement and dependent upon drug-immunophilin complexes and, presumably, calcineurin activity.

REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:775265 HCAPLUS
DOCUMENT NUMBER: 136:132090
TITLE: Investigation of differentially **expressed** genes during the development of mouse cerebellum
AUTHOR(S): Kagami, Yoshihiro; Furuichi, Teiichi
CORPORATE SOURCE: Laboratory for Molecular Neurogenesis, Brain Science Institute, RIKEN, Wako, 351-0198, Japan
SOURCE: Gene Expression Patterns (2001), 1(1), 39-59
CODEN: GEPEAD; ISSN: 1567-133X
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Before the discovery of DNA microarray and DNA chip technol., the **expression** of only a small number of genes could be analyzed at a time. Currently, such technol. allows us the simultaneous anal. of a large number of genes to systematically monitor their **expression** patterns that may be associated with various biol. phenomena. We utilized the Affymetrix GeneChip MullK to analyze the gene **expression** profile in developing mouse cerebellum to assist in the understanding of the genetic basis of cerebellar development in mice. Our anal. showed 81.6% (10.321/12.654) of the genes represented on the GeneChip were **expressed** in the postnatal cerebellum, and among those, 8.7% (897/10.321) were differentially **expressed** with more than a two-fold change in their maximum and min. **expression** levels during the developmental time course. Further anal. of the differentially **expressed** genes that were clustered in terms of their **expression** patterns and the function of their encoded products revealed an aspect of the genetic foundation that lies beneath the cellular events and neural network formation that takes place during the development of the mouse cerebellum.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 10 OF 10 MEDLINE on STN

ACCESSION NUMBER: 1999060134 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 9843575
 TITLE: Nck-2, a novel Src homology2/3-containing adaptor protein that interacts with the LIM-only protein PINCH and components of growth factor receptor kinase-signaling pathways.
 AUTHOR: Tu Y; Li F; Wu C
 CORPORATE SOURCE: Department of Cell Biology and The Cell Adhesion and Matrix Research Center, University of Alabama at Birmingham, Birmingham, Alabama 35294-0019, USA.
 CONTRACT NUMBER: DK-54639. (NIDDK)
 SOURCE: Molecular biology of the cell, (1998 Dec) 9 (12) 3367-82. Journal code: 9201390. ISSN: 1059-1524.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF047487
 ENTRY MONTH: 199902
 ENTRY DATE: Entered STN: 19990216
 Last Updated on STN: 20020420
 Entered Medline: 19990204

AB Many of the protein-protein interactions that are essential for eukaryotic intracellular signal transduction are mediated by protein binding modules including SH2, SH3, and LIM domains. Nck is a SH3- and SH2-containing adaptor protein implicated in coordinating various signaling pathways, including those of growth factor receptors and cell adhesion receptors. We report here the identification, cloning, and characterization of a widely expressed, Nck-related adaptor protein termed Nck-2. Nck-2 comprises primarily three N-terminal SH3 domains and one C-terminal SH2 domain. We show that Nck-2 interacts with PINCH, a LIM-only protein implicated in integrin-linked kinase signaling. The PINCH-Nck-2 interaction is mediated by the fourth LIM domain of PINCH and the third SH3 domain of Nck-2. Furthermore, we show that Nck-2 is capable of recognizing several key components of growth factor receptor kinase-signaling pathways including EGF receptors, PDGF receptor-beta, and IRS-1. The association of Nck-2 with EGF receptors was regulated by EGF stimulation and involved largely the SH2 domain of Nck-2, although the SH3 domains of Nck-2 also contributed to the complex formation. The association of Nck-2 with PDGF receptor-beta was dependent on PDGF activation and was mediated solely by the SH2 domain of Nck-2. Additionally, we have detected a stable association between Nck-2 and IRS-1 that was mediated primarily via the second and third SH3 domain of Nck-2. Thus, Nck-2 associates with PINCH and components of different growth factor receptor-signaling pathways via distinct mechanisms. Finally, we provide evidence indicating that a fraction of the Nck-2 and/or Nck-1 proteins are associated with the cytoskeleton. These results identify a novel Nck-related SH2- and SH3-domain-containing protein and suggest that it may function as an adaptor protein connecting the growth factor receptor-signaling pathways with the integrin-signaling pathways.

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FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS'
 ENTERED AT 13:12:58 ON 21 APR 2005

L1 1235514 S KINASE?
 L2 13600 S "LIM"
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L5 409803 S SERINE OR THREONINE
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L10 66 S L8 AND L9
L11 959617 S POLYCLONAL OR MONOCLONAL
L12 10 S L10 AND L11
L13 10 DUP REM L12 (0 DUPLICATES REMOVED)

=> s s l4 and l9

MISSING OPERATOR S L4

The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l4 and l9

L14 162 L4 AND L9

=> dup rem l14

PROCESSING COMPLETED FOR L14

L15 110 DUP REM L14 (52 DUPLICATES REMOVED)

=> s "fab" or "f(ab')2" or "fab"

L16 85578 "FAB" OR "F(AB')2" OR "FAB"

=> s l15 and l16

L17 0 L15 AND L16

=> d l15 1-110 ibib

L15 ANSWER 1 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 1

ACCESSION NUMBER: 2005-09075 BIOTECHDS

TITLE: Identifying **kinase** or phosphatase that degrades
insulin receptor substrate 1 and reduces phosphorylation of
protein **kinase** B in insulin-resistant cell
comprises transfecting with short interfering RNA against
kinase or phosphatase;
insulin receptor substrate degradation and RNA
interference for use in disease therapy and gene therapy

AUTHOR: RONDINONE C M; REILLY R M; CLAMPIT J E; HAASCH D L

PATENT ASSIGNEE: RONDINONE C M; REILLY R M; CLAMPIT J E; HAASCH D L

PATENT INFO: US 2005037987 17 Feb 2005

APPLICATION INFO: US 2004-829512 22 Apr 2004

PRIORITY INFO: US 2004-829512 22 Apr 2004; US 2003-470647 15 May 2003

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2005-161959 [17]

L15 ANSWER 2 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:283610 HCAPLUS

TITLE: Gene expression profiles for diagnosing breast cancer
and identification of gene targets for therapy

INVENTOR(S): Nakamura, Yusuke; Katagiri, Toyomasa; Nakatsuru,
Shuichi

PATENT ASSIGNEE(S): Oncotherapy Science, Inc., Japan; The University of
Tokyo

SOURCE: PCT Int. Appl., 143 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005028676	A2	20050331	WO 2004-JP14438	20040924
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2003-505571P	P 20030924

L15 ANSWER 3 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:239024 HCAPLUS

DOCUMENT NUMBER: 142:311677

TITLE: Protein complexes associated with β -amyloid precursor protein processing and their use for diagnosis and therapy of Alzheimer's disease and other neurodegeneration disorders

INVENTOR(S): Bouwmeester, Tewis; Drewes, Gerard; Hopf, Carsten; Joberty, Gerard; Rowley, Adele

PATENT ASSIGNEE(S): Cellzome A.-G., Germany

SOURCE: PCT Int. Appl., 1294 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005023858	A1	20050317	WO 2003-EP13980	20031210
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2005023833	A2	20050317	WO 2004-EP9771	20040902
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			EP 2003-19642	A 20030905
			WO 2003-EP13980	A 20031210
			EP 2004-1894	A 20040129
			EP 2004-1895	A 20040129

EP 2004-7447 A 20040326
WO 2004-EP4889 A 20040507
WO 2004-EP4891 A 20040507
EP 2004-18874 A 20040809

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 4 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:216606 HCAPLUS

DOCUMENT NUMBER: 142:292452

TITLE: Compns. and methods for treating and diagnosing
chronic visceral hypersensitivity and irritable bowel
syndrome, based on differential gene or protein.
expression

INVENTOR(S): Pasricha, Pankaj; Shenoy, Mohan; Winston, John

PATENT ASSIGNEE(S): Cytokine Pharmasciences, Inc., USA

SOURCE: PCT Int. Appl., 181 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005020902	A2	20050310	WO 2004-US27356	20040823
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-496716P P 20030821

L15 ANSWER 5 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:141375 HCAPLUS

DOCUMENT NUMBER: 142:237994

TITLE: Gene expression profile providing biomarkers for
predicting the progression of colorectal
adenocarcinoma

INVENTOR(S): Rueger, Ruediger; Auer, Johannes; Porstmann, Baerbel;
Werner, Martin; Wiese, Anja

PATENT ASSIGNEE(S): Roche Diagnostics G.m.b.H., Germany; F. Hoffmann-La
Roche A.-G.

SOURCE: PCT Int. Appl., 334 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005015236	A2	20050217	WO 2004-EP7936	20040716
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,			

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

PRIORITY APPLN. INFO.: EP 2003-15667 A 20030718
 EP 2003-21130 A 20030922

L15 ANSWER 6 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:121193 HCAPLUS

DOCUMENT NUMBER: 142:214836

TITLE: Biomarkers of cyclin-dependent **kinase**
 modulation in cancer therapy

INVENTOR(S): Li, Martha; Rupnow, Brent A.; Webster, Kevin R.;
 Jackson, Donald G.; Wong, Tai W.

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 141 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012875	A2	20050210	WO 2004-US24424	20040729
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-490890P P 20030729

L15 ANSWER 7 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:101983 HCAPLUS

Correction of: 2005:14607

DOCUMENT NUMBER: 142:171158

Correction of: 142:87734

TITLE: Gene expression that correlated with breast cancer
 recurrence and patient survival, and diagnostic and
 therapeutic uses thereof

INVENTOR(S): Erlander, Mark G.; Ma, Xiao-Jun; Wang, Wei; Wittliff,
 James L.

PATENT ASSIGNEE(S): Arcturus Bioscience, Inc., USA

SOURCE: PCT Int. Appl., 53 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005001138	A2	20050106	WO 2004-US19451	20040618
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW,
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-479963P P 20030618
 US 2004-545810P P 20040218

L15 ANSWER 8 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:14535 HCAPLUS

DOCUMENT NUMBER: 142:111832

TITLE: **Human** serine proteinase inhibitor, clade E,
 member 2 (SERPINE2) gene expression as prognostic
 marker in colorectal cancer

INVENTOR(S): Rowe, Michael W.; Moler, Edward J.; Randazzo, Filippo

PATENT ASSIGNEE(S): Chiron Corporation, USA

SOURCE: PCT Int. Appl., 89 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005001046	A2	20050106	WO 2004-US17408	20040603
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-475872P P 20030603

L15 ANSWER 9 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:238539 HCAPLUS

DOCUMENT NUMBER: 142:310872

TITLE: Gene expression profiles useful for diagnosis of
 zd1839 resistant tumors and screening for modulators
 of cancer

INVENTOR(S): Afar, Daniel; Agus, David; Mack, David H.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 42 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005059012	A1	20050317	US 2003-633486	20030731
PRIORITY APPLN. INFO.:			US 2002-400311P	P 20020731

L15 ANSWER 10 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:172212 HCAPLUS

DOCUMENT NUMBER: 142:259425

TITLE: Gene expression profiles and biomarkers for the detection of asthma-related and other disease-related gene transcripts in blood

INVENTOR(S): Liew, Choong-Chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 156 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 42

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005042630	A1	20050224	US 2004-816357	20040401
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004248169	A1	20041209	US 2004-812737	20040330
US 2005042630	A1	20050224	US 2004-816357	20040401
WO 2004112589	A2	20041229	WO 2004-US20836	20040621
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:	US 1999-115125P	P	19990106
	US 2000-477148	B1	20000104
	US 2002-268730	A2	20021009
	US 2003-601518	A2	20030620
	US 2004-802875	A2	20040312
	US 2004-816357	A	20040401
	US 2001-271955P	P	20010228
	US 2001-275017P	P	20010312
	US 2001-305340P	P	20010713
	US 2002-85783	A2	20020228
	US 2004-809675	A	20040325

L15 ANSWER 11 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:155679 HCAPLUS

DOCUMENT NUMBER: 142:213366

TITLE: Quantitative RT-PCR method for the detection in blood of microarray-identified rheumatoid arthritis-related gene transcripts for diagnosing and monitoring disease state

INVENTOR(S): Liew, Choong-Chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 81 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 42

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005003394	A1	20050106	US 2004-812782	20040330
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004248169	A1	20041209	US 2004-812737	20040330
US 2005003394	A1	20050106	US 2004-812782	20040330
WO 2004112589	A2	20041229	WO 2004-US20836	20040621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1999-115125P	P 19990106
			US 2000-477148	B1 20000104
			US 2002-268730	A2 20021009
			US 2003-601518	A2 20030620
			US 2004-802875	A2 20040312
			US 2004-812782	A 20040330
			US 2001-271955P	P 20010228
			US 2001-275017P	P 20010312
			US 2001-305340P	P 20010713
			US 2002-85783	A2 20020228
			US 2004-809675	A 20040325

L15 ANSWER 12 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2

ACCESSION NUMBER: 2004:770679 HCAPLUS

DOCUMENT NUMBER: 141:236612

TITLE: Gene expression profiles for monitoring CCI-779 drug activity in vivo in renal cell carcinoma treatment

INVENTOR(S): Burczynski, Michael; Twine, Natalie; Dorner, Andrew J.; Trepicchio, William L.

PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA

SOURCE: PCT Int. Appl., 136 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 6

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004072265	A2	20040826	WO 2004-XA4118	20040211
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2004072265	A2	20040826	WO 2004-US4118	20040211
WO 2004072265	A3	20050303		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG,				

BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR,
 CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES,
 ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN,
 IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC,
 LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX,
 MZ, MZ, NA, NI
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
 BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
 MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
 GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,
 GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-446133P P 20030211
 US 2003-459782P P 20030403
 US 2004-538246P P 20040123
 WO 2004-US4118 A 20040211

L15 ANSWER 13 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
 ACCESSION NUMBER: 2005:248644 HCAPLUS
 DOCUMENT NUMBER: 142:274057
 TITLE: Sequences of **human** schizophrenia related
 genes and use for diagnosis, prognosis and therapy
 INVENTOR(S): Liew, Choong-chin
 PATENT ASSIGNEE(S): Chondrogene Limited, Can.
 SOURCE: U.S. Pat. Appl. Publ., 156 pp., Cont.-in-part of U.S.
 Ser. No. 802,875.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 42
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004241727	A1	20041202	US 2004-812731	20040330
US 2004014059	A1	20040122	US 2002-268730	20021009
US 2004241727	A1	20041202	US 2004-812731	20040330
US 2004248169	A1	20041209	US 2004-812737	20040330
WO 2004112589	A2	20041229	WO 2004-US20836	20040621
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 1999-115125P P 19990106
 US 2000-477148 B1 20000104
 US 2002-268730 A2 20021009
 US 2003-601518 A2 20030620
 US 2004-802875 A2 20040312
 US 2004-812731 A 20040330
 US 2001-271955P P 20010228
 US 2001-275017P P 20010312
 US 2001-305340P P 20010713
 US 2002-85783 A2 20020228
 US 2004-809675 A 20040325

L15 ANSWER 14 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 ACCESSION NUMBER: 2004-22195 BIOTECHDS

TITLE: In vitro protein or biological macromolecule synthesis system, useful for producing product molecules of interest, comprises energy sources providing chemical energy for protein or biological macromolecule synthesis;
protein synthesis system for in vitro display technology or protein microarray construction

AUTHOR: CHATTERJEE D K

PATENT ASSIGNEE: US NAT INST OF HEALTH

PATENT INFO: WO 2004081033 23 Sep 2004

APPLICATION INFO: WO 2004-US7449 10 Mar 2004

PRIORITY INFO: US 2003-454013 11 Mar 2003; US 2003-454013 11 Mar 2003

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-677517 [66]

L15 ANSWER 15 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2004-07975 BIOTECHDS

TITLE: Inhibiting neuronal cell death using neuronal marker genes and proteins, useful for diagnosing, preventing and/or treating optic nerve degeneration, Alzheimer's disease, diabetic retinopathy, Parkinson's disease and glaucoma; neuronal cell death inhibition and **antibody** for use in disease gene therapy

AUTHOR: ZACK D J; HACKAM A S

PATENT ASSIGNEE: UNIV JOHNS HOPKINS

PATENT INFO: WO 2004007674 22 Jan 2004

APPLICATION INFO: WO 2003-US21737 14 Jul 2003

PRIORITY INFO: US 2002-395460 12 Jul 2002; US 2002-395460 12 Jul 2002

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-122915 [12]

L15 ANSWER 16 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:1127487 HCAPLUS

DOCUMENT NUMBER: 142:72870

TITLE: Gene expression profiles in airway epithelium and their use as signatures for diagnosing disorders of the lung

INVENTOR(S): Brody, Jerome S.; Spira, Avrum; Shah, Nila; Palma, John F.

PATENT ASSIGNEE(S): Trustees of Boston University, USA; Affymetrix, Inc.

SOURCE: PCT Int. Appl., 105 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004111197	A2	20041223	WO 2004-US18492	20040610
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-477218P P 20030610

US 2003-483387P P 20030627
US 2003-497599P P 20030825

L15 ANSWER 17 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:1081081 HCAPLUS

DOCUMENT NUMBER: 142:69928

TITLE: Differentially regulated hepatocellular carcinoma genes and protein and DNA arrays for use in diagnosis and drug screening

INVENTOR(S): Ren, Ee Chee; Neo, Soek Ying

PATENT ASSIGNEE(S): Agency for Science, Technology and Research, Singapore

SOURCE: PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004108964	A1	20041216	WO 2004-SG166	20040604
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2003-475508P P 20030604

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 18 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:965428 HCAPLUS

DOCUMENT NUMBER: 141:409383

TITLE: Differentially expressed genes and methods for diagnosing acute myelogenous leukemia and myelodysplastic syndromes

INVENTOR(S): Burczynski, Michael E.; Dorner, Andrew; Twine, Natalie C.; Trepicchio, William L.; Stover, Jennifer

PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA

SOURCE: PCT Int. Appl., 191 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004097051	A2	20041111	WO 2004-US13230	20040429
WO 2004097051	A3	20041223		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,			

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

PRIORITY APPLN. INFO.:

US 2003-466055P

P 20030429

L15 ANSWER 19 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:934503 HCAPLUS

DOCUMENT NUMBER: 141:389847

TITLE: A novel method of modulating bone-related activity
through modulating Ror2 and Ror1 tyrosine
kinase for therapeutic and diagnostic
applications

INVENTOR(S): Van Nest Bodine, Peter; Billiard, Julia

PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA

SOURCE: PCT Int. Appl., 155 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004094641	A2	20041104	WO 2004-US11452	20040414
WO 2004094641	A3	20050310		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

US 2003-463364P

P 20030416

US 2003-501340P

P 20030909

L15 ANSWER 20 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:905935 HCAPLUS

DOCUMENT NUMBER: 141:389792

TITLE: Genes associated with cocaine addiction and their use
in diagnosis and analysis of prospective drugs

INVENTOR(S): Hemby, Scott Edwards

PATENT ASSIGNEE(S): Emory University, USA

SOURCE: PCT Int. Appl., 100 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004092417	A2	20041028	WO 2004-US10649	20040407
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
TD, TG

PRIORITY APPLN. INFO.: US 2003-461019P P 20030407
US 2004-550467P P 20040305

L15 ANSWER 21 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:847638 HCAPLUS

DOCUMENT NUMBER: 141:325696

TITLE: Genes showing altered levels of expression in response
to inhibitors of cyclin-dependent **kinases**
and their use in screening for novel inhibitors

INVENTOR(S): Green, Simon R.; Frame, Sheelagh; Blake, David

PATENT ASSIGNEE(S): Cyclacel Limited, UK

SOURCE: PCT Int. Appl., 175 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087954	A2	20041014	WO 2004-GB1334	20040326
WO 2004087954	A3	20050127		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: GB 2003-7643 A 20030402

L15 ANSWER 22 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:780813 HCAPLUS

DOCUMENT NUMBER: 141:290112

TITLE: Genes differentially expressed in **human**
mesenchymal stem cells as markers

INVENTOR(S): Kato, Yukio; Tsuji, Koichiro; Koike, Chika

PATENT ASSIGNEE(S): Japan Science and Technology Agency, Japan; Two Cells
Co. Ltd

SOURCE: PCT Int. Appl., 171 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004081174	A2	20040923	WO 2004-JP2457	20040227
WO 2004081174	A3	20041202		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,			

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 JP 2004290189 A2 20041021 JP 2004-67037 20040310
 PRIORITY APPLN. INFO.: JP 2003-63077 A 20030310

L15 ANSWER 23 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:838610 HCAPLUS

DOCUMENT NUMBER: 141:312238

TITLE: DNA microarray analysis of gene expression in the
 diagnosis of estrogen receptor positive- and
 negative-breast cancer

INVENTOR(S): Erlander, Mark G.; Ma, Xiao-Jun; Wang, Wei; Wittliff,
 James L.

PATENT ASSIGNEE(S): Arcturus Bioscience, Inc., USA

SOURCE: PCT Int. Appl., 226 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004079014	A2	20040916	WO 2002-XA2004006736	20040304
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, CN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2004079014	A2	20040916	WO 2004-US6736	20040304
WO 2004079014	A3	20050331		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2003-451942P	P 20030304
			WO 2004-US6736	A 20040304

L15 ANSWER 24 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:718550 HCAPLUS

DOCUMENT NUMBER: 141:241509

TITLE: Differentially expressed nucleic acids that correlate
 with KSP expression and their use as markers for
 diagnosis, classification, and treatment of cancer

INVENTOR(S): Huang, Pearl S.; Jackson, Jeffrey R.
 PATENT ASSIGNEE(S): SmithKline Beecham Corporation, USA; Hedge, Priti S.
 SOURCE: PCT Int. Appl., 87 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074301	A2	20040902	WO 2004-US4276	20040213
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2003-447842P	P 20030214

L15 ANSWER 25 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:534405 HCAPLUS
 DOCUMENT NUMBER: 141:69775
 TITLE: Specific protein markers useful for diagnosis of
 pancreatic cancer and screening methods
 INVENTOR(S): Chen, Jie; Hu, Liping; Liu, Tong Hua; Lu, Zhao Hui;
 Shen, Yan
 PATENT ASSIGNEE(S): F. Hoffmann-La Roche Ag, Switz.; Sinogenomax Co. Ltd.
 Chinese National Human Genomecenter
 SOURCE: PCT Int. Appl., 381 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004055519	A2	20040701	WO 2003-EP14057	20031211
WO 2004055519	A3	20041104		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004219572	A1	20041104	US 2003-733969	20031211
PRIORITY APPLN. INFO.:			EP 2002-28058	A 20021217
			EP 2003-25237	A 20031105

L15 ANSWER 26 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:355085 HCAPLUS
 DOCUMENT NUMBER: 140:369944

TITLE: Human tissue-specific housekeeping genes identified by expression profiling
 INVENTOR(S): Aburatani, Hiroyuki; Yamamoto, Shogo
 PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan
 SOURCE: PCT Int. Appl., 372 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004035785	A1	20040429	WO 2002-JP10753	20021016
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004229233	A1	20041118	US 2003-684422	20031015
PRIORITY APPLN. INFO.:			US 2002-418614P	P 20021016
			WO 2002-JP10753	W 20021016
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 27 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:331912 HCAPLUS
 DOCUMENT NUMBER: 140:337340
 TITLE: Molecular sub-classification of kidney tumors and the discovery of new diagnostic markers from gene expression profiles
 INVENTOR(S): Teh, Bin Tean; Takahashi, Masayuki
 PATENT ASSIGNEE(S): Van Andel Institute, USA
 SOURCE: PCT Int. Appl., 53 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004032842	A2	20040422	WO 2003-US31476	20031006
WO 2004032842	A3	20040930		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2002-415775P	P 20021004

L15 ANSWER 28 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:308529 HCAPLUS

DOCUMENT NUMBER: 140:333599
 TITLE: Gene expression profile of human and mouse genes in atopic dermatitis and psoriasis patients and its use for diagnosis, therapy, and drug screening
 INVENTOR(S): Itoh, Mikito; Ogawa, Kaoru; Shinagawa, Akira; Sudo, Hajime; Ogawa, Hideoki; Ra, Chisei; Mitsuishi, Kouichi
 PATENT ASSIGNEE(S): Genox Research, Inc., Japan; Juntendo University
 SOURCE: PCT Int. Appl., 611 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004031386	A1	20040415	WO 2003-JP9808	20030801
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			JP 2002-229318	A 20020806
			JP 2003-136543	A 20030514
REFERENCE COUNT:	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 29 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STM
 ACCESSION NUMBER: 2004:162790 HCAPLUS
 DOCUMENT NUMBER: 140:212096
 TITLE: Brain endothelial cell gene expression patterns, tumor-associated brain endothelium markers, and diagnostic, therapeutic and anti-cancer drug screening uses thereof
 INVENTOR(S): Madden, Stephen I.; Wang, Clarence J.; Cook, Brian P.; Lattera, John; Walter, Kevin
 PATENT ASSIGNEE(S): Genzyme Corporation, USA; The Johns Hopkins University; Cook, Brian P
 SOURCE: PCT Int. Appl., 114 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004016758	A2	20040226	WO 2003-US25614	20030815
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:

US 2002-403390P

P 20020815

US 2003-458978P

P 20030401

L15 ANSWER 30 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:162616 HCAPLUS

DOCUMENT NUMBER: 140:212062

TITLE: Use of murine genomic regions identified to be involved in tumor development for the development of anti-cancer drugs and diagnosis of cancer

INVENTOR(S): Touw, Ivo Paul; Delwel, Hendrik Rudolf; Lowenberg, Bob; Valk, Peter Jacobus Maria

PATENT ASSIGNEE(S): Erasmus University Medical Center Rotterdam, Neth.

SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004016317	A1	20040226	WO 2003-NL583	20030814
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1393776	A1	20040303	EP 2002-78358	20020814
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
PRIORITY APPLN. INFO.:			EP 2002-78358	A2 20020814
			US 2002-252132	A2 20020919
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 31 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:905510 HCAPLUS

DOCUMENT NUMBER: 141:388610

TITLE: Glucose transporter GLUT4-interacting protein PN7065, a protein **kinase** homolog, and protein-protein interactions useful for screening diabetes drugs

INVENTOR(S): Heichman, Karen; Bartel, Paul; Sugiyama, Janice

PATENT ASSIGNEE(S): Myriad Genetics, Incorporated, USA

SOURCE: U.S. Pat. Appl. Publ., 202 pp., Cont.-in-part of U.S. Ser. No. 556,941, abandoned.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004214255	A1	20041028	US 2003-639067	20030811
PRIORITY APPLN. INFO.:			US 1999-130389P	P 19990422
			US 1999-140693P	P 19990624
			US 1999-156947P	P 19990930

US 1999-163073P	P 19991102
US 1999-168376P	P 19991202
US 1999-168378P	P 19991202
US 2000-556941	B2 20000421

L15 ANSWER 32 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:119871 HCAPLUS
 DOCUMENT NUMBER: 140:158535
 TITLE: Gene expression profiling of Gleason grades 3 and 4/5 prostate cancer for identifying tumor markers, and diagnostic and therapeutic uses
 INVENTOR(S): Mahadevappa, Mamatha; Zhang, Zhaomei; Warrington, Janet A.; Palma, John F.; Caldwell, Mitchell C.; Chen, Zuxiong; Fan, Zhenbin; Mcneal, John E.; Nolley, Rosalie; Stamey, Thomas A.
 PATENT ASSIGNEE(S): Affymetrix, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 40 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004029151	A1	20040212	US 2003-411537	20030409
PRIORITY APPLN. INFO.:			US 2002-371304P	P 20020409

L15 ANSWER 33 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:85984 HCAPLUS
 DOCUMENT NUMBER: 140:194432
 TITLE: **Human** prostate cancer marker genes associated with various metastatic stages identified by gene profiling, and related compositions, kits, and methods for diagnosis, prognosis and therapy
 INVENTOR(S): Schlegel, Robert; Endege, Wilson O.
 PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 131 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004009481	A1	20040115	US 2002-166883	20020611
US 2004009481	A1	20040115	US 2002-166883	20020611
PRIORITY APPLN. INFO.:			US 2001-297285P	P 20010611
			US 2002-166883	A 20020611

L15 ANSWER 34 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:39587 HCAPLUS
 DOCUMENT NUMBER: 140:92056
 TITLE: Analysis of gene expression profiles using neural networks in the diagnosis of cancers and in the selection of targets for cancer therapy
 INVENTOR(S): Khan, Javed; Ringner, Markus; Peterson, Carsten; Meltzer, Paul
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 53 pp., Cont.-in-part of U.S. Ser. No. 133,937.
 CODEN: USXXCO

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004009154	A1	20040115	US 2002-159563	20020531
US 2003207278	A1	20031106	US 2002-133937	20020425
PRIORITY APPLN. INFO.:			US 2002-133937	A2 20020425

L15 ANSWER 35 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:898614 HCAPLUS

DOCUMENT NUMBER: 141:348154

TITLE: Human genes showing altered levels of expression in pancreatic carcinomas and their diagnostic and therapeutic uses

INVENTOR(S): Rosenthal, Andre; Pilarsky, Christian; Dahl, Edgar; Specht, Thomas; Bruemmendorf, Thomas; Lichtner, Rosemarie; Staub, Eike; Roepcke, Stefan; Li, Xinzhong

PATENT ASSIGNEE(S): Hinzmann, Bernd, Germany; Rosenthal, Andre

SOURCE: Eur. Pat. Appl., 28 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1471075	A2	20041027	EP 2004-90124	20040331
EP 1471075	A3	20050112		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
DE 10315834	A1	20041118	DE 2003-10315834	20030331
PRIORITY APPLN. INFO.:			DE 2003-10315834	A 20030331

L15 ANSWER 36 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:266918 HCAPLUS

DOCUMENT NUMBER: 140:282485

TITLE: Methods for diagnosing interstitial lung diseases using biomarkers identified by microarray gene expression profiling

INVENTOR(S): Bevec, Dorian

PATENT ASSIGNEE(S): Mondobiotech SA, Switz.

SOURCE: Eur. Pat. Appl., 43 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1403638	A1	20040331	EP 2002-21413	20020925
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			EP 2002-21413	20020925
REFERENCE COUNT:	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 37 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:181841 HCAPLUS

DOCUMENT NUMBER: 140:230590
 TITLE: Single nucleotide polymorphisms predictive for cardiovascular disease, adverse drug reactions, and drug efficacy
 INVENTOR(S): Schwerts, Stephan; Kallabis, Harald; Stropp, Udo
 PATENT ASSIGNEE(S): Bayer Healthcare AG, Germany
 SOURCE: Eur. Pat. Appl., 383 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1394267	A1	20040303	EP 2002-18158	20020819
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
WO 2004018709	A2	20040304	WO 2003-EP9126	20030818
WO 2004018709	A3	20041028		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: EP 2002-18158 A 20020819
 REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 38 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:289093 HCAPLUS
 DOCUMENT NUMBER: 141:84929
 TITLE: Identification of NPM-ALK interacting proteins by tandem mass spectrometry
 AUTHOR(S): Crockett, David K.; Lin, Zhaosheng; Elenitoba-Johnson, Kojo S. J.; Lim, Megan S.
 CORPORATE SOURCE: ARUP Institute for Clinical and Experimental Pathology, Salt Lake City, UT, 84108, USA
 SOURCE: Oncogene (2004), 23(15), 2617-2629
 CODEN: ONCNES; ISSN: 0950-9232
 PUBLISHER: Nature Publishing Group
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 39 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:697073 HCAPLUS
 DOCUMENT NUMBER: 141:241753
 TITLE: Cross-reactivity of **antibodies** to actin-depolymerizing factor/cofilin family proteins and identification of the major epitope recognized by a mammalian actin-depolymerizing factor/cofilin **antibody**
 AUTHOR(S): Shaw, Alisa E.; Minamide, Laurie S.; Bill, Christine L.; Funk, Janel D.; Maiti, Sankar; Bamburg, James R.
 CORPORATE SOURCE: Department of Biochemistry and Molecular Biology, Molecular, Cellular, and Integrative Neurosciences

Program, Colorado State University, Fort Collins, CO,
USA
SOURCE: Electrophoresis (2004), 25(15), 2611-2620
CODEN: ELCTDN; ISSN: 0173-0835
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 40 OF 110 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN

ACCESSION NUMBER: 2005:3199 SCISEARCH
THE GENUINE ARTICLE: 877HB
TITLE: Characterization of a new **human** isoform of the
enigma homolog family specifically expressed in skeletal
muscle
AUTHOR: Niederlander N; Fayein N A; Auffray C; Pomies P (Reprint)
CORPORATE SOURCE: CNRS, Ctr Rech Biochim Macromol, FRE 2593, Montpellier,
France (Reprint); CNRS, FRE 2571, Villejuif, France
COUNTRY OF AUTHOR: France
SOURCE: BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (24
DEC 2004) Vol. 325, No. 4, pp. 1304-1311.
Publisher: ACADEMIC PRESS INC ELSEVIER SCIENCE, 525 B ST,
STE 1900, SAN DIEGO, CA 92101-4495 USA.
ISSN: 0006-291X.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 21

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L15 ANSWER 41 OF 110 MEDLINE on STN

ACCESSION NUMBER: 2004334166 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15042411
TITLE: A new tool for plant cell biology: in vivo **antibody**
uptake in plant protoplasts.
AUTHOR: Briere C; Barthou H; Petitprez M
CORPORATE SOURCE: UMR CNRS/UPS 5546, BP 17 Auzeville, 31326,
Castanet-Tolosan, France.. briere@ensat.fr
SOURCE: Plant cell reports, (2004 Jul) 22 (12) 878-84. Electronic
Publication: 2004-03-24.
Journal code: 9880970. ISSN: 0721-7714.
PUB. COUNTRY: Germany: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200409
ENTRY DATE: Entered STN: 20040707
Last Updated on STN: 20040924
Entered Medline: 20040923

L15 ANSWER 42 OF 110 MEDLINE on STN

ACCESSION NUMBER: 2004456940 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15363391
TITLE: Foxn4 controls the genesis of amacrine and horizontal cells
by retinal progenitors.
COMMENT: Comment in: Neuron. 2004 Sep 16;43(6):759-60. PubMed ID:
15363386
AUTHOR: Li Shengguo; Mo Zeqian; Yang Xuejie; Price Sandy M; Shen
Michael M; Xiang Mengqing
CORPORATE SOURCE: Center for Advanced Biotechnology and Medicine and
Department of Pediatrics, University of Medicine and
Dentistry of New Jersey, Robert Wood Johnson Medical

School, 679 Hoes Lane, Piscataway, NJ 08854 USA.
CONTRACT NUMBER: DC04594 (NIDCD)
EY12020 (NEI)
HD42837 (NICHD)

SOURCE: Neuron, (2004 Sep 16) 43 (6) 795-807.
Journal code: 8809320. ISSN: 0896-6273.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200411
ENTRY DATE: Entered STN: 20040915
Last Updated on STN: 20041103
Entered Medline: 20041102

L15 ANSWER 43 OF 110 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS
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ACCESSION NUMBER: 2004273599 EMBASE
TITLE: Jak3 and the pathogenesis of severe combined
immunodeficiency.
AUTHOR: O'Shea J.J.; Husa M.; Li D.; Hofmann S.R.; Watford W.;
Roberts J.L.; Buckley R.H.; Changelian P.; Candotti F.
CORPORATE SOURCE: J.J. O'Shea, Molec. Immunol. and Inflammation Br., Natl.
Inst. Arthr. Musculoskel. S., MSC 1820, 10 Center Drive,
Bethesda, MD 20892, United States
SOURCE: Molecular Immunology, (2004) Vol. 41, No. 6-7, pp. 727-737.
Refs: 109
ISSN: 0161-5890 CODEN: IMCHAZ
PUBLISHER IDENT.: S 0161-5890(04)00131-2
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 005 General Pathology and Pathological Anatomy
026 Immunology, Serology and Transplantation
037 Drug Literature Index
038 Adverse Reactions Titles
052 Toxicology
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 20040722
Last Updated on STN: 20040722

L15 ANSWER 44 OF 110 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS
RESERVED. on STN DUPLICATE 4

ACCESSION NUMBER: 2004314354 EMBASE
TITLE: LATS1 tumour suppressor affects cytokinesis by inhibiting
LIMK1.
AUTHOR: Yang X.; Yu K.; Hao Y.; Li D.-M.; Stewart R.; Insogna K.L.;
Xu T.
CORPORATE SOURCE: T. Xu, Howard Hughes Medical Institute, Yale University
School of Medicine, Boyer Center for Molecular Medicine,
295 Congress Avenue, New Haven, CT 06536-0812, United
States. tian.xu@yale.edu
SOURCE: Nature Cell Biology, (2004) Vol. 6, No. 7, pp. 609-617.
Refs: 49
ISSN: 1465-7392 CODEN: NCBIFN
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 20040805
Last Updated on STN: 20040805

L15 ANSWER 45 OF 110 MEDLINE on STN DUPLICATE 5
 ACCESSION NUMBER: 2004289071 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 15189451
 TITLE: Caspase-mediated cleavage and activation of **LIM-kinase 1** and its role in apoptotic membrane blebbing.
 AUTHOR: Tomiyoshi Go; Horita Yuji; Nishita Michiru; Ohashi Kazumasa; Mizuno Kensaku
 CORPORATE SOURCE: Department of Biomolecular Sciences, Graduate School of Life Sciences, Tohoku University, Sendai, Miyagi 980-8578, Japan.
 SOURCE: Genes to cells : devoted to molecular & cellular mechanisms, (2004 Jun) 9 (6) 591-600.
 Journal code: 9607379. ISSN: 1356-9597.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200501
 ENTRY DATE: Entered STN: 20040611
 Last Updated on STN: 20050126
 Entered Medline: 20050125

L15 ANSWER 46 OF 110 MEDLINE on STN DUPLICATE 6
 ACCESSION NUMBER: 2004131546 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 15023529
 TITLE: **LIM kinase 1**, a key regulator of actin dynamics, is widely expressed in embryonic and adult tissues.
 AUTHOR: Foletta Victoria C; Moussi Nathalie; Sarmiere Patrick D; Bamburg James R; Bernard Ora
 CORPORATE SOURCE: Molecular Genetics of Cancer Division, The Walter and Eliza Hall Institute of Medical Research, PO The Royal Melbourne Hospital, Melbourne, Victoria 3050, Australia.
 CONTRACT NUMBER: GM35126 (NIGMS)
 NS40371 (NINDS)
 SOURCE: Experimental cell research, (2004 Apr 1) 294 (2) 392-405.
 Journal code: 0373226. ISSN: 0014-4827.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200405
 ENTRY DATE: Entered STN: 20040317
 Last Updated on STN: 20040506
 Entered Medline: 20040505

L15 ANSWER 47 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
 DUPLICATE 7
 ACCESSION NUMBER: 2003-10860 BIOTECHDS
 TITLE: Detecting an aberrant cell (e.g. cancer cells) in a subject or in a sample from the subject, comprises contacting the sample with an **antibody** specific for **LIM kinase** and screening for the level of **antibody-LIM kinase** complex formation;
antibody against **human** enzyme gene for use in disease gene therapy
 AUTHOR: BERNARD O; FOLETTA V C
 PATENT ASSIGNEE: HALL INST MEDICAL RES WALTER and ELIZA
 PATENT INFO: WO 2003003016 9 Jan 2003
 APPLICATION INFO: WO 2002-AU834 27 Jun 2002
 PRIORITY INFO: US 2001-330361 18 Oct 2001; AU 2001-5965 27 Jun 2001

DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-210294 [20]

L15 ANSWER 48 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 8

ACCESSION NUMBER: 2003-27307 BIOTECHDS

TITLE: Treating cell e.g. **human** cancerous cell with
upregulated epidermal growth factor receptor expression, by
administering nucleic acid having receptor-regulated promoter
linked to therapeutic polynucleotide;
regulated promoter, antisense sequence and RNA enzyme for
use in disease therapy and gene therapy

AUTHOR: HUNG M; LIN S
PATENT ASSIGNEE: HUNG M; LIN S
PATENT INFO: US 2003053995 20 Mar 2003
APPLICATION INFO: US 2002-172620 14 Jun 2002
PRIORITY INFO: US 2002-172620 14 Jun 2002; US 2001-298579 15 Jun 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-777157 [73]

L15 ANSWER 49 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 9

ACCESSION NUMBER: 2003:187089 HCAPLUS

DOCUMENT NUMBER: 138:219711

TITLE: Differentially expressed gene expression profiles in
human glomerular diseases

INVENTOR(S): Munger, William E.; Falk, Ronald; Sun, Hongwei; Sasai,
Hitoshi; Waga, Iwao; Yamamoto, Jun

PATENT ASSIGNEE(S): Gene Logic, Inc., USA; University of North Carolina At
Chapel Hill

SOURCE: PCT Int. Appl., 781 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016476	A2	20030227	WO 2002-XF25766	20020814
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
UA, UG, US, UZ, VC, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU,				
TJ, TM				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,				
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,				
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,				
NE, SN, TD, TG				
WO 2003016476	A2	20030227	WO 2002-US25766	20020814
WO 2003016476	A3	20030508		
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:				
GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,				

CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRIORITY APPLN. INFO.: US 2001-311837P P 20010814
WO 2002-US25766 A 20020814

L15 ANSWER 50 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:913275 HCAPLUS
DOCUMENT NUMBER: 139:376259
TITLE: Protein and cDNA and genomic sequences of a
human LIMK protein kinase sequence
homolog, its tissue expression, SNPs, and therapeutic
use
INVENTOR(S): Abu-Threideh, Jane; Neelam, Beena; Yan, Chunhua
PATENT ASSIGNEE(S): Applera Corporation, USA
SOURCE: PCT Int. Appl., 100 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003095612	A2	20031120	WO 2003-US13975	20030505
WO 2003095612	A3	20041028		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1499632	A2	20050126	EP 2003-731093	20030505
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 2004014193	A1	20040122	US 2003-429873	20030506
PRIORITY APPLN. INFO.:			US 2002-380134P P 20020506 WO 2003-US13975 W 20030505	

L15 ANSWER 51 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:837370 HCAPLUS
DOCUMENT NUMBER: 139:333972
TITLE: Gene profiling methods of diagnosing potential for
metastasis or developing hepatocellular carcinoma and
of identifying therapeutic targets
INVENTOR(S): Wang, Xin Wei; Ye, Qing-hai; Kim, Jin Woo
PATENT ASSIGNEE(S): The Government of the United States of America, as
Represented by the Secretary of the Department of
Health and Human Services, USA
SOURCE: PCT Int. Appl., 141 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003087766	A2	20031023	WO 2003-US10783	20030404
WO 2003087766	A3	20040729		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,			

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
 TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 PRIORITY APPLN. INFO.: US 2002-370895P P 20020405

L15 ANSWER 52 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:757734 HCAPLUS

DOCUMENT NUMBER: 139:274481

TITLE: The histone deacetylase-independent GRIM1 repressor of skeletal muscle differentiation, the gene encoding it and their use in diagnosis and treatment of muscle disease

INVENTOR(S): Schuele, Roland; Hublitz, Philip

PATENT ASSIGNEE(S): Universitaetsklinikum Freiburg, Germany

SOURCE: PCT Int. Appl., 103 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003078463	A1	20030925	WO 2003-EP2638	20030313
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10212397	A1	20031016	DE 2002-10212397	20020320
EP 1485412	A1	20041215	EP 2003-712005	20030313
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: DE 2002-10212397 A 20020320
 WO 2003-EP2638 W 20030313

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 53 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:571232 HCAPLUS

DOCUMENT NUMBER: 139:128012

TITLE: Over-expressed gene markers useful in compositions, kits, and methods for identification, assessment, prevention, and therapy of rheumatoid arthritis

INVENTOR(S): Guild, Braydon C.; Liao, Hua; Jones, Michael D.; Zolg, Johannes W.; Wu, Jiang

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 172 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003060465	A2	20030724	WO 2002-US40271	20021217
WO 2003060465	A3	20031211		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003224386	A1	20031204	US 2002-320352	20021216
EP 1454146	A2	20040908	EP 2002-803318	20021217
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
PRIORITY APPLN. INFO.:			US 2001-341942P	P 20011219
			WO 2002-US40271	W 20021217

L15 ANSWER 54 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:551683 HCAPLUS

DOCUMENT NUMBER: 139:95460

TITLE: Genetic cancer profiles for drug screening and personalized cancer treatment

INVENTOR(S): Katagiri, Toyomasa; Ohnishi, Yasuyuki; Nakamura, Yusuke

PATENT ASSIGNEE(S): Riken Institute of Physical and Chemical Research, Japan

SOURCE: PCT Int. Appl., 76 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003057916	A2	20030717	WO 2003-IB360	20030109
WO 2003057916	A3	20040422		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003165954	A1	20030904	US 2003-339533	20030109
EP 1466016	A2	20041013	EP 2003-700442	20030109
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:			US 2002-346952P	P 20020109
			WO 2003-IB360	W 20030109

L15 ANSWER 55 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:532691 HCAPLUS

DOCUMENT NUMBER: 139:95435

TITLE: Modified receptors on cell membranes for the discovery of therapeutic ligands
 INVENTOR(S): Schwartz, Thue W.; Martini, Lene; Heydorn, Arne; Jorgensen, Rasmus
 PATENT ASSIGNEE(S): 7TM Pharma A/S, Den.
 SOURCE: PCT Int. Appl., 122 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003055914	A2	20030710	WO 2002-DK900	20021220
WO 2003055914	A3	20031023		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			DK 2001-1944	A 20011221
			DK 2002-113	A 20020122
			DK 2002-1043	A 20020703
			US 2002-394122P	P 20020703

L15 ANSWER 56 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STM
 ACCESSION NUMBER: 2003:491063 HCAPLUS
 DOCUMENT NUMBER: 139:57897
 TITLE: Novel pharmaceutical composition of interferon gamma or pirfenidone combined with molecular diagnostics for the improved treatment of interstitial lung diseases
 INVENTOR(S): Bevec, Dorian; Ziesche, Rolf
 PATENT ASSIGNEE(S): Mondobiotech SA, Switz.
 SOURCE: PCT Int. Appl., 80 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003051388	A2	20030626	WO 2002-CH691	20021212
WO 2003051388	A3	20031030		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
BR 2002007310	A	20040817	BR 2002-7310	20021212
EP 1455813	A2	20040915	EP 2002-782602	20021212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
 NO 2003003642 A 20031017 NO 2003-3642 20030815
 PRIORITY APPLN. INFO.: EP 2001-130011 A 20011218
 WO 2002-CH691 W 20021212

L15 ANSWER 57 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:282589 HCAPLUS
 DOCUMENT NUMBER: 138:285610
 TITLE: Classification of lung carcinomas by analysis of
 patterns of gene expression
 INVENTOR(S): Golub, Todd; Meyerson, Matthew; Bhattacharjee,
 Arindham; Staunton, Jane
 PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA
 SOURCE: PCT Int. Appl., 125 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003029273	A2	20030410	WO 2002-US30797	20020927
WO 2003029273	A3	20031120		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004009489	A1	20040115	US 2002-259233	20020927
EP 1444361	A2	20040811	EP 2002-780386	20020927
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			US 2001-325962P	P 20010928
			WO 2002-US30797	W 20020927

L15 ANSWER 58 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:221703 HCAPLUS
 DOCUMENT NUMBER: 138:253104
 TITLE: Methods for serial analysis of gene expression of
 renal dipeptidase in colorectal tumors and their use
 in diagnosis
 INVENTOR(S): Buckhaults, Phillip; Kinzler, Kenneth W.; Vogelstein,
 Bert
 PATENT ASSIGNEE(S): The Johns Hopkins University School of Medicine, USA
 SOURCE: PCT Int. Appl., 59 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003022863	A1	20030320	WO 2002-US28518	20020909
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
 RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
 NE, SN, TD, TG
 EP 1430071 A1 20040623 EP 2002-773302 20020909
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
 US 2004265824 A1 20041230 US 2004-487934 20040823
 PRIORITY APPLN. INFO.: US 2001-317494P P 20010907
 US 2002-383805P P 20020530
 WO 2002-US28518 W 20020909
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 59 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:97279 HCAPLUS
 DOCUMENT NUMBER: 138:132255
 TITLE: Differentially expressed gene and protein markers for
 identification, assessment, prevention, and therapy of
 prostate cancer
 INVENTOR(S): Schlegel, Robert; Monahan, John E.; Endege, Wilson O.;
 Gannavarapu, Manjula; Gorbacheva, Bella; Hoersh,
 Sebastian; Kamatkar, Shubhangi; Wonsey, Angela M.;
 Glatt, Karen; Zhao, Xumei; Anderson, Dustin
 PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA; Quinn, Angela
 M.
 SOURCE: PCT Int. Appl., 99 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003009814	A2	20030206	WO 2002-US23913	20020725
WO 2003009814	A3	20040701		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2003108963 A1 20030612 US 2002-205823 20020725 PRIORITY APPLN. INFO.: US 2001-307982P P 20010725 US 2001-314356P P 20010822 US 2001-325020P P 20010925 US 2001-341746P P 20011212 US 2002-362158P P 20020305				

L15 ANSWER 60 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:818047 HCAPLUS
 DOCUMENT NUMBER: 139:321682
 TITLE: Diagnosis of cancer by microarray analysis of gene
 expression

INVENTOR(S): Wang, Yixin
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 131 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003194733	A1	20031016	US 2003-393567	20030321
CA 2422319	AA	20030929	CA 2003-2422319	20030328
BR 2003003011	A	20040217	BR 2003-3011	20030328
EP 1355150	A2	20031022	EP 2003-252023	20030331
EP 1355150	A3	20040825		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2004033215	A2	20040205	JP 2003-96170	20030331
PRIORITY APPLN. INFO.:			US 2002-368667P	P 20020329

L15 ANSWER 61 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:818030 HCAPLUS
 DOCUMENT NUMBER: 139:317418
 TITLE: Diffuse large cell lymphoma diagnosis and outcome prediction by gene expression analysis
 INVENTOR(S): Golub, Todd R.; Tamayo, Pablo; Shipp, Margaret; Lander, Eric S.; Aster, Jon C.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 14 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003194701	A1	20031016	US 2001-989758	20011120
PRIORITY APPLN. INFO.:			US 2000-252142P	P 20001120
			US 2000-254458P	P 20001208

L15 ANSWER 62 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:492205 HCAPLUS
 DOCUMENT NUMBER: 139:64332
 TITLE: Methods for production of biochips and their use in cancer diagnosis and treatment
 INVENTOR(S): Bignon, Yves Jean; Vidal, Veronique
 PATENT ASSIGNEE(S): Centre Medico Chirurgical De Tronquieres, Fr.
 SOURCE: Fr. Demande, 79 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2833969	A1	20030627	FR 2001-16963	20011220
PRIORITY APPLN. INFO.:			FR 2001-16963	20011220
REFERENCE COUNT:	8	THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 63 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:969412 HCAPLUS
DOCUMENT NUMBER: 140:730
TITLE: Human genes deregulated in drug-resistant
tumor cells in response to cytotoxic drugs and methods
for diagnosis and treatment of cancer
INVENTOR(S): Wittig, Rainer; Poustka, Annemarie; Mollenhauer, Jan;
Schadendorf, Dirk
PATENT ASSIGNEE(S): Deutsches Krebsforschungszentrum Stiftung des
Oeffentlichen Rechts, Germany
SOURCE: Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1369482	A1	20031210	EP 2002-12705	20020607
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2004038020	A1	20040506	WO 2003-EP6061	20030610
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			EP 2002-12705	A 20020607
REFERENCE COUNT:	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 64 OF 110 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 2004:84009 BIOSIS
DOCUMENT NUMBER: PREV200400084692
TITLE: Flt-1-dependent survival characterizes the
epithelial-mesenchymal transition of colonic organoids.
AUTHOR(S): Bates, Richard C. [Reprint Author]; Goldsmith, Jeffrey D.;
Bachelder, Robin E.; Brown, Courtney; Shibuya, Masabumi;
Oettgen, Peter; Mercurio, Arthur M.
CORPORATE SOURCE: Division of Cancer Biology and Angiogenesis, Department of
Pathology, Beth Israel Deaconess Medical Center and Harvard
Medical School, Boston, MA, 02215, USA
rbates@caregroup.harvard.edu
SOURCE: Current Biology, (September 30 2003) Vol. 13, No. 19, pp.
1721-1727. print.
ISSN: 0960-9822 (ISSN print).
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 11 Feb 2004
Last Updated on STN: 11 Feb 2004

L15 ANSWER 65 OF 110 MEDLINE on STN

ACCESSION NUMBER: 2003504902 MEDLINE
DOCUMENT NUMBER: PubMed ID: 14531860
TITLE: Differential activities, subcellular distribution and
tissue expression patterns of three members of Slingshot

family phosphatases that dephosphorylate cofilin.
 AUTHOR: Ohta Yusaku; Kousaka Kazuyoshi; Nagata-Ohashi Kyoko; Ohashi Kazumasa; Muramoto Aya; Shima Yasuyuki; Niwa Ryusuke; Uemura Tadashi; Mizuno Kensaku
 CORPORATE SOURCE: Department of Biomolecular Sciences, Graduate School of Life Sciences, Tohoku University, Sendai, Miyagi, Japan.
 SOURCE: Genes to cells : devoted to molecular & cellular mechanisms, (2003 Oct) 8 (10) 811-24.
 Journal code: 9607379. ISSN: 1356-9597.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200406
 ENTRY DATE: Entered STN: 20031030
 Last Updated on STN: 20040626
 Entered Medline: 20040625

L15 ANSWER 66 OF 110 MEDLINE on STN DUPLICATE 10

ACCESSION NUMBER: 2003406371 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12760907
 TITLE: LPP, a LIM protein highly expressed in smooth muscle.
 AUTHOR: Gorenne Isabelle; Nakamoto Robert K; Phelps Clayton P; Beckerle Mary C; Somlyo Avril V; Somlyo Andrew P
 CORPORATE SOURCE: Department of Molecular Physiology and Biological Physics, University of Virginia, Charlottesville, VA 22908, USA.
 CONTRACT NUMBER: 5P01-HL-48807 (NHLBI)
 SOURCE: American journal of physiology. Cell physiology, (2003 Sep) 285 (3) C674-85. Electronic Publication: 2003-05-21.
 Journal code: 100901225. ISSN: 0363-6143.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200309
 ENTRY DATE: Entered STN: 20030830
 Last Updated on STN: 20030926
 Entered Medline: 20030925

L15 ANSWER 67 OF 110 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED. on STN

ACCESSION NUMBER: 2003388400 EMBASE
 TITLE: Molecular interplay between mechanical and humoral signalling in cardiac hypertrophy.
 AUTHOR: Tarone G.; Lembo G.
 CORPORATE SOURCE: G. Lembo, Department of AngioCardioNeurology, IRCCS Neuromed, La Sapienza University of Rome, 86077 Pozilli (IS), Italy. lembo@neuromed.it
 SOURCE: Trends in Molecular Medicine, (1 Sep 2003) Vol. 9, No. 9, pp. 376-382.
 Refs: 65
 ISSN: 1471-4914 CODEN: TMMRCY
 COUNTRY: United Kingdom
 DOCUMENT TYPE: Journal; General Review
 FILE SEGMENT: 018 Cardiovascular Diseases and Cardiovascular Surgery
 022 Human Genetics
 037 Drug Literature Index
 038 Adverse Reactions Titles
 LANGUAGE: English
 SUMMARY LANGUAGE: English
 ENTRY DATE: Entered STN: 20031016
 Last Updated on STN: 20031016

L15 ANSWER 68 OF 110 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN

ACCESSION NUMBER: 2003:291846 SCISEARCH
THE GENUINE ARTICLE: 661JW
TITLE: Suppression of cofilin phosphorylation in
insulin-stimulated ruffling membrane formation in KB cells
AUTHOR: Arai H (Reprint); Atomi Y
CORPORATE SOURCE: Univ Tokyo, Grad Sch Arts & Sci, Dept Life Sci, Meguro Ku,
3-8-1 Komaba, Tokyo 1538902, Japan (Reprint); Univ Tokyo,
Grad Sch Arts & Sci, Dept Life Sci, Meguro Ku, Tokyo
1538902, Japan
COUNTRY OF AUTHOR: Japan
SOURCE: CELL STRUCTURE AND FUNCTION, (FEB 2003) Vol. 28, No. 1,
pp. 41-48.
Publisher: JAPAN SOC CELL BIOLOGY, SHIMOTACHIURI
OGAWA-HIGASHI, KAMIKYOKU KYOTO, 602, JAPAN.
ISSN: 0386-7196.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 42
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L15 ANSWER 69 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 11

ACCESSION NUMBER: 2003-09906 BIOTECHDS
TITLE: Identifying candidate p53 pathway-modulating agents, useful
as therapeutic targets for diagnosing or treating disorders
associated with defective p53 function, comprises screening
for agents that modulate LIM kinase
activity;
drug screening, animal model, antisense and
phosphorothioate morpholino oligonucleotide useful for
gene therapy and diagnosis
AUTHOR: FRIEDMAN L; PLOWMAN G D; BELVIN M; FRANCIS-LANG H; LI D;
FUNKE R P
PATENT ASSIGNEE: EXELIXIS INC
PATENT INFO: WO 2002099048 12 Dec 2002
APPLICATION INFO: WO 2002-US17423 3 Jun 2002
PRIORITY INFO: US 2002-357253 15 Feb 2002; US 2001-296076 5 Jun 2001
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2003-167334 [16]

L15 ANSWER 70 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN

ACCESSION NUMBER: 2002-14560 BIOTECHDS
TITLE: Diagnosing or prognosing development of prostate cancer in a
subject involves detecting abnormality in hormone refractory
prostate cancer (HRPC)-related nucleic acid molecules, whose
expression is altered in prostate cancer;
for use as DNA microarrays and in drug screening and
prostate cancer prognosis, diagnosis and therapy
AUTHOR: MOUSSES S; KALLIONIEMI O P; BUBENDORF L
PATENT ASSIGNEE: US DEPT HEALTH and HUMAN SERVICES
PATENT INFO: WO 2002031209 18 Apr 2002
APPLICATION INFO: WO 2000-US31932 13 Oct 2000
PRIORITY INFO: US 2000-240585 13 Oct 2000
DOCUMENT TYPE: Patent
LANGUAGE: English
OTHER SOURCE: WPI: 2002-416869 [44]

L15 ANSWER 71 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-08681 BIOTECHDS

TITLE: New fusion protein, useful in assays for determining effect of protein-protein interaction, comprises protein containing modular protein binding domain and exogenously introduced coiled-coil heterodimerization domain;
vector-mediated gene transfer, expression in host cell, protein library, DNA library and virus library for recombinant protein production

AUTHOR: MAYER B J

PATENT ASSIGNEE: UNIV CONNECTICUT

PATENT INFO: WO 2002002746 10 Jan 2002

APPLICATION INFO: WO 2000-US9551 29 Jun 2000

PRIORITY INFO: WO 2000-17929 29 Jun 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-154738 [20]

L15 ANSWER 72 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-19955 BIOTECHDS

TITLE: An isolated LIM domain kinase polypeptide useful as a model for developing human therapeutic targets, to aid in identification of therapeutics and to serve as targets for developing kinase activity modulators in cells;
recombinant enzyme protein production for use in disease therapy and diagnosis

AUTHOR: YAN C; KETCHUM K A; DI FRANCESCO V; BEASLEY E M

PATENT ASSIGNEE: PE CORP NY

PATENT INFO: US 6403353 11 Jun 2002

APPLICATION INFO: US 2001-978197 22 Mar 2001

PRIORITY INFO: US 2001-978197 17 Oct 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-536038 [57]

L15 ANSWER 73 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:964607 HCAPLUS

DOCUMENT NUMBER: 138:23176

TITLE: Method for gene expression profiling and kit for determining origin of tumors

INVENTOR(S): Su, Andrew I.; Hampton, Garret M.

PATENT ASSIGNEE(S): IRM LLC, Bermuda

SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002101357	A2	20021219	WO 2002-US18628	20020610
WO 2002101357	C2	20040212		
WO 2002101357	A3	20040805		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

US 2003138793 A1 20030724 US 2002-167755 20020610
 EP 1468110 A2 20041020 EP 2002-742020 20020610
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI, CY, TR
 JP 2005503779 T2 20050210 JP 2003-504070 20020610
 PRIORITY APPLN. INFO.: US 2001-297277P P 20010610
 WO 2002-US18628 W 20020610

L15 ANSWER 74 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:521969 HCAPLUS
 DOCUMENT NUMBER: 137:90000
 TITLE: Protein-protein interactions in adipocyte cells and
 method for selecting modulators of these interactions
 INVENTOR(S): Legrain, Pierre; Marullo, Stefano; Jockers, Ralf
 PATENT ASSIGNEE(S): Hybrigenics, Fr.; Centre National De La Recherche
 Scientifique
 SOURCE: PCT Int. Appl., 125 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002053726	A2	20020711	WO 2001-EP15423	20011228
WO 2002053726	A3	20030313		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003040089	A1	20030227	US 2002-38010	20020102
PRIORITY APPLN. INFO.:			US 2001-259377P	P 20010102

L15 ANSWER 75 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:51660 HCAPLUS
 DOCUMENT NUMBER: 136:98853
 TITLE: Proteins and nucleic acids associated with aging and
 their detection in identification of tissues
 undergoing senescence and of senescence modulators
 INVENTOR(S): Burmer, Glenna; Pritchard, David; Brown, Joseph P.;
 Demas, Vasiliki
 PATENT ASSIGNEE(S): Lifespan Biosciences, Inc., USA
 SOURCE: PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002004662	A1	20020117	WO 2001-US21361	20010703
W:	AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR,			

TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002098495 A1 20020725 US 2001-898730 20010703
PRIORITY APPLN. INFO.: US 2000-216470P P 20000706
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 76 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:616256 HCAPLUS
DOCUMENT NUMBER: 137:181594
TITLE: Dominant-negative variants of **human** protein
kinases that inhibit the phosphorylation
activity of their active enzyme isoforms
INVENTOR(S): Levine, Zurit; Bernstein, Jeanne
PATENT ASSIGNEE(S): Compugen Ltd., Israel
SOURCE: U.S. Pat. Appl. Publ., 170 pp., Cont.-in-part of U.S.
Ser. No. 724,676.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002110811	A1	20020815	US 2001-771161	20010126
PRIORITY APPLN. INFO.:			IL 2000-135619	A 20000512
			IL 2000-136776	A 20000615
			US 2000-724676	A2 20001128

L15 ANSWER 77 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:937303 HCAPLUS
DOCUMENT NUMBER: 138:20443
TITLE: Endocrine disruptor screening using DNA chips of
endocrine disruptor-responsive genes
INVENTOR(S): Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi;
Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki,
Yuki; Kato, Ikunoshin
PATENT ASSIGNEE(S): Takara Bio Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 386 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002355079	A2	20021210	JP 2002-69354	20020313
PRIORITY APPLN. INFO.:			JP 2001-73183	A 20010314
			JP 2001-74993	A 20010315
			JP 2001-102519	A 20010330

L15 ANSWER 78 OF 110 MEDLINE on STN DUPLICATE 12
ACCESSION NUMBER: 2002611024 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12167643
TITLE: Characterization of PINCH-2, a new focal adhesion protein
that regulates the PINCH-1-ILK interaction, cell spreading,
and migration.
AUTHOR: Zhang Yongjun; Chen Ka; Guo Lida; Wu. Chuanyue

CORPORATE SOURCE: Department of Pathology, University of Pittsburgh,
Pittsburgh, Pennsylvania 15261, USA.
CONTRACT NUMBER: DK54639 (NIDDK)
GM65188 (NIGMS)
SOURCE: Journal of biological chemistry, (2002 Oct 11) 277 (41)
38328-38. Electronic Publication: 2002-08-06.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF484961
ENTRY MONTH: 200211
ENTRY DATE: Entered STN: 20021008
Last Updated on STN: 20030105
Entered Medline: 20021125

L15 ANSWER 79 OF 110 MEDLINE on STN DUPLICATE 13
ACCESSION NUMBER: 2002313053 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11925442
TITLE: Mitosis-specific activation of LIM
motif-containing protein kinase and roles of
cofilin phosphorylation and dephosphorylation in mitosis.
AUTHOR: Amano Toru; Kaji Noriko; Ohashi Kazumasa; Mizuno Kensaku
CORPORATE SOURCE: Department of Biomolecular Sciences, Graduate School of
Life Sciences, Tohoku University, Sendai, Miagi 980-8578,
Japan.
SOURCE: Journal of biological chemistry, (2002 Jun 14) 277 (24)
22093-102. Electronic Publication: 2002-03-29.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200207
ENTRY DATE: Entered STN: 20020611
Last Updated on STN: 20030105
Entered Medline: 20020725

L15 ANSWER 80 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:150944 HCAPLUS
DOCUMENT NUMBER: 137:41274
TITLE: Identification of novel targets of immunosuppressive
agents by cDNA-based microarray analysis
AUTHOR(S): Cristillo, Anthony D.; Bierer, Barbara E.
CORPORATE SOURCE: Laboratory of Lymphocyte Biology, NHLBI, National
Institutes of Health, Bethesda, MD, 20892, USA
SOURCE: Journal of Biological Chemistry (2002), 277(6),
4465-4476
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular
Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 81 OF 110 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
on STN
ACCESSION NUMBER: 2002:771411 SCISEARCH
THE GENUINE ARTICLE: 592NE
TITLE: The signaling adapter protein PINCH is up-regulated in the
stroma of common cancers, notably at invasive edges

AUTHOR: Wang-Rodriguez J; Dreilinger A D; Alsharabi G M; Rearden A
(Reprint)
CORPORATE SOURCE: Univ Calif San Diego, Dept Pathol, La Jolla, CA 92093 USA
(Reprint)
COUNTRY OF AUTHOR: USA
SOURCE: CANCER, (15 SEP 2002) Vol. 95, No. 6, pp. 1387-1395.
Publisher: JOHN WILEY & SONS INC, 111 RIVER ST, HOBOKEN,
NJ 07030 USA.
ISSN: 0008-543X.
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 47
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L15 ANSWER 82 OF 110 MEDLINE on STN DUPLICATE 14
ACCESSION NUMBER: 2003131613 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12645256
TITLE: LIM protein KyoT2 interacts with human
tight junction protein ZO-2-i3.
AUTHOR: Huang Hong-Yan; Li Rong; Sun Qiang; Wang Jian; Zhou Peng;
Han Hua; Zhang Wan-Hui
CORPORATE SOURCE: Department of Physiology, Fourth Military Medical
University, Xi'an 710032, China.. hhongy@cmmmail.com
SOURCE: Yi chuan xue bao = Acta genetica Sinica, (2002) 29 (11)
953-8.
Journal code: 7900784. ISSN: 0379-4172.
PUB. COUNTRY: China
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: Chinese
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF489824
ENTRY MONTH: 200307
ENTRY DATE: Entered STN: 20030321
Last Updated on STN: 20030702
Entered Medline: 20030701

L15 ANSWER 83 OF 110 MEDLINE on STN DUPLICATE 15
ACCESSION NUMBER: 2002060059 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11694543
TITLE: LIM kinase 1 modulates opsonized
zymosan-triggered activation of macrophage-like U937 cells.
Possible involvement of phosphorylation of cofilin and
reorganization of actin cytoskeleton.
AUTHOR: Matsui Sachiko; Matsumoto Sachiko; Adachi Reiko; Kusui
Kaoru; Hirayama Akiko; Watanabe Hidemi; Ohashi Kazumasa;
Mizuno Kensaku; Yamaguchi Teruhide; Kasahara Tadashi;
Suzuki Kazuhiro
CORPORATE SOURCE: National Institute of Health Sciences, 18-1 Kamiyoga
1-chome, Setagaya-ku, Tokyo 158, Japan.
SOURCE: Journal of biological chemistry, (2002 Jan 4) 277 (1)
544-9. Electronic Publication: 2001-11-02.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200201
ENTRY DATE: Entered STN: 20020125
Last Updated on STN: 20030105
Entered Medline: 20020124

L15 ANSWER 84 OF 110 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
ACCESSION NUMBER: 2002-05363 BIOTECHDS

TITLE: Identifying a subject at risk for a heart disease e.g. congestive heart failure, dilative cardiomyopathy, heart muscle disease, by quantifying the polypeptide expressed by genes abnormally expressed in heart tissue;
mammal protein quantification by humanized antibody, identifying expressed sequence tag, transgenic animal, drug screening and antisense DNA useful for heart disease gene therapy and diagnosis

AUTHOR: BUNK D; REUNER B; BECK J; HENKEL T

PATENT ASSIGNEE: MEDIGENE AG

PATENT INFO: WO 2001092567 6 Dec 2001

APPLICATION INFO: WO 2000-EP6165 30 May 2000

PRIORITY INFO: US 2000-207400 30 May 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-122073 [16]

L15 ANSWER 85 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:833383 HCAPLUS

DOCUMENT NUMBER: 135:370639

TITLE: **Human IgM antibodies** with the capability of inducing remyelination, and diagnostic and therapeutic uses thereof particularly in the central nervous system

INVENTOR(S): Rodriguez, Moses; Miller, David J.; Pease, Larry R.

PATENT ASSIGNEE(S): Mayo Foundation for Medical Education & research, USA

SOURCE: PCT Int. Appl., 219 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001085797	A1	20011115	WO 2000-US14902	20000530
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2409515	AA	20011115	CA 2000-2409515	20000530
EP 1294770	A1	20030326	EP 2000-948498	20000530
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
BR 2000015875	A	20030624	BR 2000-15875	20000530
JP 2004516807	T2	20040610	JP 2001-582396	20000530
PRIORITY APPLN. INFO.:			US 2000-568351	A2 20000510
			WO 2000-US14902	W 20000530
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 86 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:763251 HCAPLUS

DOCUMENT NUMBER: 135:299597

TITLE: Genes differentially expressed in **human** foam cell differentiation

INVENTOR(S): Shiffman, Dov; Somogyi, Roland; Lawn, Richard; Seilhamer, Jeffrey J.; Porter, Gordon J.; Mikita,

Thomas; Tai, Julie
 PATENT ASSIGNEE(S): Incyte Genomics, Inc., USA
 SOURCE: PCT Int. Appl., 315 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077389	A2	20011018	WO 2001-US11128	20010404
WO 2001077389	A3	20030424		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2403946	AA	20011018	CA 2001-2403946	20010404
EP 1358347	A2	20031105	EP 2001-924723	20010404
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
JP 2004532602	T2	20041028	JP 2001-575243	20010404
US 2003165924	A1	20030904	US 2002-240965	20021004
PRIORITY APPLN. INFO.:			US 2000-195106P	P 20000405
			WO 2001-US11128	W 20010404

L15 ANSWER 87 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:320060 HCAPLUS
 DOCUMENT NUMBER: 134:339179
 TITLE: Nucleic acids and proteins associated with cancer as antitumor targets
 INVENTOR(S): Burmer, Glenna C.; Brown, Joseph P.; Pritchard, David
 PATENT ASSIGNEE(S): Lifespan Biosciences, Inc., USA
 SOURCE: PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001030964	A2	20010503	WO 2000-US29126	20001020
WO 2001030964	A3	20010809		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001013397	A5	20010508	AU 2001-13397	20001020
PRIORITY APPLN. INFO.:			US 1999-161232P	P 19991022
			US 2000-693783	A 20001019
			WO 2000-US29126	W 20001020

L15 ANSWER 88 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:150875 HCAPLUS
 DOCUMENT NUMBER: 134:338943
 TITLE: Differential gene expression profiles of scirrhous gastric cancer cells with high metastatic potential to peritoneum or lymph nodes
 AUTHOR(S): Hippo, Yoshitaka; Yashiro, Masakazu; Ishii, Masami; Taniguchi, Hirokazu; Tsutsumi, Shuichi; Hirakawa, Kosei; Kodama, Tatsuhiko; Aburatani, Hiroyuki
 CORPORATE SOURCE: Genome Science Division, Research Center for Advanced Science and Technology, The University of Tokyo, Tokyo, 153-8904, Japan
 SOURCE: Cancer Research (2001), 61(3), 889-895
 CODEN: CNREA8; ISSN: 0008-5472
 PUBLISHER: American Association for Cancer Research
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 89 OF 110 MEDLINE on STN
 ACCESSION NUMBER: 2001221830 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 11311131
 TITLE: Involvement of Hic-5 in platelet activation: integrin α IIb β 3-dependent tyrosine phosphorylation and association with proline-rich tyrosine kinase 2.
 AUTHOR: Osada M; Ohmori T; Yatomi Y; Satoh K; Hosogaya S; Ozaki Y
 CORPORATE SOURCE: Department of Laboratory Medicine, Yamanashi Medical University, Nakakoma, Yamanashi 409-3898, Japan.
 SOURCE: Biochemical journal, (2001 May 1) 355 (Pt 3) 691-7.
 Journal code: 2984726R. ISSN: 0264-6021.
 PUB. COUNTRY: England: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200105
 ENTRY DATE: Entered STN: 20010604
 Last Updated on STN: 20010604
 Entered Medline: 20010531

L15 ANSWER 90 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:775265 HCAPLUS
 DOCUMENT NUMBER: 136:132090
 TITLE: Investigation of differentially expressed genes during the development of mouse cerebellum
 AUTHOR(S): Kagami, Yoshihiro; Furuichi, Teiichi
 CORPORATE SOURCE: Laboratory for Molecular Neurogenesis, Brain Science Institute, RIKEN, Wako, 351-0198, Japan
 SOURCE: Gene Expression Patterns (2001), 1(1), 39-59
 CODEN: GEPEAD; ISSN: 1567-133X
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 91 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:841957 HCAPLUS
 DOCUMENT NUMBER: 133:366470
 TITLE: Methods and compositions for non-viral gene therapy for treatment of hyperproliferative diseases
 INVENTOR(S): Ramesh, Rajagopal; Roth, Jack A.; Saeki, Tomoyuki;

PATENT ASSIGNEE(S): Wilson, Deborah
 Introgen Therapeutics, Inc., USA; Board of Regents,
 the University of Texas System
 SOURCE: PCT Int. Appl., 148 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000071096	A2	20001130	WO 2000-US14350	20000524
WO 2000071096	A3	20010503		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG CA 2371922 AA 20001130 CA 2000-2371922 20000524 EP 1180016 A2 20020220 EP 2000-936279 20000524 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, MC, PT, IE, SI, LT, LV, FI, RO PRIORITY APPLN. INFO.: US 1999-135818P P 19990524 WO 2000-US14350 W 20000524				

L15 ANSWER 92 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:608988 HCAPLUS
 DOCUMENT NUMBER: 133:203824
 TITLE: Mammalian Lhx3/p-lim/lim-3 factor
 genes and alleles and their use in the diagnosis and
 treatment of diseases of the pituitary
 INVENTOR(S): Rhodes, Simon J.; Bridwell, Jeanne L.; Meier, Bradley
 C.; Parker, Gretchen E.; Price, Jeffrey R.; Showalter,
 Aaron D.; Sloop, Kyle W.
 PATENT ASSIGNEE(S): Advanced Research and Technology Institute, USA
 SOURCE: PCT Int. Appl., 239 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000050868	A2	20000831	WO 2000-US4424	20000222
WO 2000050868	A3	20001221		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG AU 2000033718 A5 20000914 AU 2000-33718 20000222 US 2003027152 A1 20030206 US 2001-932367 20010817 PRIORITY APPLN. INFO.: US 1999-121110P P 19990222				

L15 ANSWER 93 OF 110 MEDLINE on STN DUPLICATE 16
ACCESSION NUMBER: 2000112859 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10644754
TITLE: A protein **kinase** from neutrophils that
specifically recognizes Ser-3 in cofilin.
AUTHOR: Lian J P; Marks P G; Wang J Y; Falls D L; Badwey J A
CORPORATE SOURCE: Center for Experimental Therapeutics and Reperfusion
Injury, Brigham and Women's Hospital, Boston, Massachusetts
02115, USA.
CONTRACT NUMBER: AI 23323 (NIAID)
DK 50015 (NIDDK)
K08 HL-03235 (NHLBI)
+
SOURCE: Journal of biological chemistry, (2000 Jan 28) 275 (4)
2869-76.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200002
ENTRY DATE: Entered STN: 20000314
Last Updated on STN: 20000314
Entered Medline: 20000229

L15 ANSWER 94 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:376177 HCAPLUS
DOCUMENT NUMBER: 133:248010
TITLE: Identification of differentially expressed genes in
cardiac hypertrophy by analysis of expressed sequence
tags
AUTHOR(S): Hwang, David M.; Dempsey, Adam A.; Lee, Cheuk-Yu;
Liew, Choong-Chin
CORPORATE SOURCE: Cardiac Gene Unit, Department of Laboratory Medicine
and Pathobiology, Centre for Cardiovascular Research,
Toronto Hospital, University of Toronto, Toronto, ON,
M5G 1L5, Can.
SOURCE: Genomics (2000), 66(1), 1-14
CODEN: GNMCEP; ISSN: 0888-7543
PUBLISHER: Academic Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 84 THERE ARE 84 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 95 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1999:795994 HCAPLUS
DOCUMENT NUMBER: 132:31744
TITLE: Gene probes used for genetic profiling in healthcare
screening and planning
INVENTOR(S): Roberts, Gareth Wyn
PATENT ASSIGNEE(S): Genostic Pharma Ltd., UK
SOURCE: PCT Int. Appl., 745 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2003198970 A1 20031023 US 2002-206568 20020729
 PRIORITY APPLN. INFO.: GB 1998-12098 A 19980606
 GB 1998-28289 A 19981223
 GB 1998-16086 A 19980724
 GB 1998-16921 A 19980805
 GB 1998-17097 A 19980807
 GB 1998-17200 A 19980808
 GB 1998-17632 A 19980814
 GB 1998-17943 A 19980819
 US 1999-325123 B1 19990603
 WO 1999-GB1779 W 19990604

L15 ANSWER 97 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:614135 HCAPLUS

DOCUMENT NUMBER: 131:224496

TITLE: Cloning and cDNA sequence of a novel human
 LIM domain protein leupaxin, and its
 therapeutic uses

INVENTOR(S): Staunton, Donald E.; Lipsky, Brian P.; Gray, Patrick
 W.

PATENT ASSIGNEE(S): Icos Corporation, USA

SOURCE: PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9947676	A1	19990923	WO 1999-US5946	19990318
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9930101	A1	19991011	AU 1999-30101	19990318
PRIORITY APPLN. INFO.:			US 1998-40870	A 19980318
			WO 1999-US5946	W 19990318
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 98 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:299499 HCAPLUS

DOCUMENT NUMBER: 130:322697

TITLE: An in vitro system for inducing neural crest cell
 differentiation to vascular smooth muscle cells and
 its use in identifying regulators and their genes

PATENT ASSIGNEE(S): President and Fellows of Harvard College, USA; Lee,
 Arthur M. E.; Jain, Mukesh; Watanabe, Masafumi

SOURCE: PCT Int. Appl., 92 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9921965	A2	19990506	WO 1998-US22897	19981028

WO 9921965 A3 19990826
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 9912849 A1 19990517 AU 1999-12849 19981028
EP 1025205 A2 20000809 EP 1998-956294 19981028
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI
JP 2001520877 T2 20011106 JP 2000-518057 19981028
PRIORITY APPLN. INFO.: US 1997-63363P P 19971028
US 1998-80420P P 19980402
US 1998-96685P P 19980814
WO 1998-US22897 W 19981028

L15 ANSWER 99 OF 110 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1999:794253 HCAPLUS
DOCUMENT NUMBER: 132:32474
TITLE: Human testin and its cDNA sequence and tissue expression
INVENTOR(S): Lal, Preeti; Guegler, Karl J.; Corley, Neil C.
PATENT ASSIGNEE(S): Incyte Pharmaceuticals, Inc., USA
SOURCE: U.S., 31 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6001594	A	19991214	US 1997-2567	19971231
US 6358711	B1	20020319	US 2000-571347	20000516
US 2003143691	A1	20030731	US 2003-357627	20030203
PRIORITY APPLN. INFO.:			US 1997-2567	A3 19971231
			US 1999-369675	A3 19990805
REFERENCE COUNT:	12	THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 100 OF 110 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1999:604314 SCISEARCH
THE GENUINE ARTICLE: 221KF
TITLE: ZASP: A new Z-band alternatively spliced PDZ-motif protein
AUTHOR: Faulkner G (Reprint); Pallavicini A; Formentin E; Comelli A; Ievolella C; Trevisan S; Bortoletto G; Scannapieco P; Salamon M; Mouly V; Valle G; Lanfranchi G
CORPORATE SOURCE: INT CTR GENET ENGN & BIOTECHNOL, PADRICIANO 99, I-34012 TRIESTE, ITALY (Reprint); UNIV PADUA, DEPT BIOL, I-35121 PADUA, ITALY; UNIV PADUA, CRIBI, CTR BIOTECHNOL, I-35121 PADUA, ITALY; URA CNRS 2115, F-75634 PARIS 13, FRANCE
COUNTRY OF AUTHOR: ITALY; FRANCE
SOURCE: JOURNAL OF CELL BIOLOGY, (26 JUL 1999) Vol. 146, No. 2, pp. 465-475.
Publisher: ROCKEFELLER UNIV PRESS, 1114 FIRST AVE, 4TH FL, NEW YORK, NY 10021.
ISSN: 0021-9525.
DOCUMENT TYPE: Article; Journal
FILE SEGMENT: LIFE

LANGUAGE: English
REFERENCE COUNT: 39
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L15 ANSWER 101 OF 110 MEDLINE on STN DUPLICATE 17
ACCESSION NUMBER: 1999060134 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9843575
TITLE: Nck-2, a novel Src homology2/3-containing adaptor protein that interacts with the LIM-only protein PINCH and components of growth factor receptor kinase -signaling pathways.
AUTHOR: Tu Y; Li F; Wu C
CORPORATE SOURCE: Department of Cell Biology and The Cell Adhesion and Matrix Research Center, University of Alabama at Birmingham, Birmingham, Alabama 35294-0019, USA.
CONTRACT NUMBER: DK-54639 (NIDDK)
SOURCE: Molecular biology of the cell, (1998 Dec) 9 (12) 3367-82. Journal code: 9201390. ISSN: 1059-1524.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF047487
ENTRY MONTH: 199902
ENTRY DATE: Entered STN: 19990216
Last Updated on STN: 20020420
Entered Medline: 19990204

L15 ANSWER 102 OF 110 MEDLINE on STN DUPLICATE 18
ACCESSION NUMBER: 1998330442 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9664039
TITLE: Recruitment of the LIM protein hic-5 to focal contacts of human platelets.
AUTHOR: Hagmann J; Grob M; Welman A; van Willigen G; Burger M M
CORPORATE SOURCE: Friedrich Miescher-Institute, Basel, Switzerland.
SOURCE: Journal of cell science, (1998 Aug) 111 (Pt 15) 2181-8. Journal code: 0052457. ISSN: 0021-9533.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199809
ENTRY DATE: Entered STN: 19980925
Last Updated on STN: 19980925
Entered Medline: 19980917

L15 ANSWER 103 OF 110 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1998:50446 SCISEARCH
THE GENUINE ARTICLE: YP291
TITLE: Using the yeast two-hybrid system to identify human epithelial cell proteins that bind gonococcal Opa proteins: intracellular gonococci bind pyruvate kinase via their Opa proteins and require host pyruvate for growth
AUTHOR: Williams J M; Chen G C; Zhu L; Rest R F (Reprint)
CORPORATE SOURCE: ALLEGHENY UNIV HLTH SCI, MED COLL PENN & HAHNEMANN UNIV, SCH MED, DEPT MICROBIOL & IMMUNOL, PHILADELPHIA, PA 19129 (Reprint); ALLEGHENY UNIV HLTH SCI, MED COLL PENN & HAHNEMANN UNIV, SCH MED, DEPT MICROBIOL & IMMUNOL, PHILADELPHIA, PA 19129; CLONTECH LABS INC, DIV MOL BIOL, PALO ALTO, CA 94303
COUNTRY OF AUTHOR: USA

SOURCE: MOLECULAR MICROBIOLOGY, (JAN 1998) Vol. 27, No. 1, pp. 171-186.
 Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD, OXFORD, OXON, ENGLAND OX2 ONE.
 ISSN: 0950-382X.
 DOCUMENT TYPE: Article; Journal
 FILE SEGMENT: LIFE
 LANGUAGE: English
 REFERENCE COUNT: 56
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L15 ANSWER 104 OF 110 MEDLINE on STN DUPLICATE 19
 ACCESSION NUMBER: 96125123 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 8537404
 TITLE: Identification and characterization of a novel protein **kinase**, TESK1, specifically expressed in testicular germ cells.
 AUTHOR: Toshima J; Ohashi K; Okano I; Nunoue K; Kishioka M; Kuma K; Miyata T; Hirai M; Baba T; Mizuno K
 CORPORATE SOURCE: Department of Biology, Faculty of Science, Kyushu University, Fukuoka, Japan.
 SOURCE: Journal of biological chemistry, (1995 Dec 29) 270 (52) 31331-7.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-D50863; GENBANK-D50864
 ENTRY MONTH: 199602
 ENTRY DATE: Entered STN: 19960221
 Last Updated on STN: 20020420
 Entered Medline: 19960208

L15 ANSWER 105 OF 110 MEDLINE on STN DUPLICATE 20
 ACCESSION NUMBER: 96094284 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 7493923
 TITLE: A novel serine/threonine **kinase** binding the Ras-related RhoA GTPase which translocates the **kinase** to peripheral membranes.
 AUTHOR: Leung T; Manser E; Tan L; Lim L
 CORPORATE SOURCE: Glaxo-IMCB Group, Institute of Molecular and Cell Biology, National University of Singapore, Kent Ridge, Singapore.
 SOURCE: Journal of biological chemistry, (1995 Dec 8) 270 (49) 29051-4.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-L08835; GENBANK-L39837; GENBANK-P28867; GENBANK-P38679; GENBANK-U38481
 ENTRY MONTH: 199601
 ENTRY DATE: Entered STN: 19960217
 Last Updated on STN: 20020420
 Entered Medline: 19960111

L15 ANSWER 106 OF 110 MEDLINE on STN DUPLICATE 21
 ACCESSION NUMBER: 96064759 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 7592896
 TITLE: Identification and molecular cloning of a p21cdc42/racl-activated serine/threonine **kinase** that is rapidly activated by thrombin in platelets.

AUTHOR: Teo M; Manser E; Lim L
 CORPORATE SOURCE: Glaxo-IMCB Group, Institute of Molecular and Cell Biology,
 National University of Singapore, Kent Ridge, Singapore.
 SOURCE: Journal of biological chemistry, (1995 Nov 3) 270 (44)
 26690-7.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-S80221
 ENTRY MONTH: 199512
 ENTRY DATE: Entered STN: 19960124
 Last Updated on STN: 20020420
 Entered Medline: 19951221

L15 ANSWER 107 OF 110 MEDLINE on STN DUPLICATE 22
 ACCESSION NUMBER: 95380177 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 7651734
 TITLE: LIMK-1 and LIMK-2, two members of a LIM
 motif-containing protein kinase family.
 AUTHOR: Nunoue K; Ohashi K; Okano I; Mizuno K
 CORPORATE SOURCE: Department of Biology, Faculty of Science, Kyushu
 University, Fukuoka, Japan.
 SOURCE: Oncogene, (1995 Aug 17) 11 (4) 701-10.
 Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-D31873; GENBANK-D31874; GENBANK-D31875;
 GENBANK-D31876; GENBANK-D31877
 ENTRY MONTH: 199509
 ENTRY DATE: Entered STN: 19951005
 Last Updated on STN: 19951005
 Entered Medline: 19950927

L15 ANSWER 108 OF 110 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation
 on STN
 ACCESSION NUMBER: 93:387570 SCISEARCH
 THE GENUINE ARTICLE: LH553
 TITLE: EPIDERMAL GROWTH-FACTOR INDUCES SERINE PHOSPHORYLATION OF
 STATHMIN IN A HUMAN COLON-CARCINOMA CELL-LINE (
 LIM-1215)
 AUTHOR: JI H; BALDWIN G S; BURGESS A W; MORITZ R L; WARD L D;
 SIMPSON R J (Reprint)
 CORPORATE SOURCE: LUDWIG INST CANC RES, JOINT PROT STRUCT LAB, PO ROYAL
 MELBOURNE HOSP, PARKVILLE, VIC 3050, AUSTRALIA; ROYAL
 MELBOURNE HOSP, WALTER & ELIZA HALL INST MED RES,
 PARKVILLE, VIC 3050, AUSTRALIA
 COUNTRY OF AUTHOR: AUSTRALIA
 SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (25 JUN 1993) Vol. 268,
 No. 18, pp. 13396-13405.
 ISSN: 0021-9258.
 DOCUMENT TYPE: Article; Journal
 FILE SEGMENT: LIFE
 LANGUAGE: ENGLISH
 REFERENCE COUNT: 66
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L15 ANSWER 109 OF 110 MEDLINE on STN DUPLICATE 23
 ACCESSION NUMBER: 93041366 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 1419897

TITLE: Differential regulation of transforming growth factor alpha autoinduction in a nontransformed and transformed epithelial cell.

AUTHOR: Coffey R J Jr; Graves-Deal R; Dempsey P J; Whitehead R H; Pittelkow M R

CORPORATE SOURCE: Department of Medicine and Cell Biology, Vanderbilt University School of Medicine, Nashville, Tennessee 37232.

CONTRACT NUMBER: AR 39547 (NIAMS)

CA-46413 (NCI)

SOURCE: Cell growth & differentiation : molecular biology journal of the American Association for Cancer Research, (1992 Jun) 3 (6) 347-54.
Journal code: 9100024. ISSN: 1044-9523.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199212

ENTRY DATE: Entered STN: 19930122
Last Updated on STN: 19970203
Entered Medline: 19921218

L15 ANSWER 110 OF 110 MEDLINE on STN

ACCESSION NUMBER: 91097509 MEDLINE

DOCUMENT NUMBER: PubMed ID: 2268301

TITLE: Human brain n-chimaerin cDNA encodes a novel phorbol ester receptor.

AUTHOR: Ahmed S; Kozma R; Monfries C; Hall C; Lim H H; Smith P; Lim L

CORPORATE SOURCE: Institute of Molecular and Cellular Biology, National University of Singapore.

SOURCE: Biochemical journal, (1990 Dec 15) 272 (3) 767-73.
Journal code: 2984726R. ISSN: 0264-6021.

PUB. COUNTRY: ENGLAND: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199102

ENTRY DATE: Entered STN: 19910322
Last Updated on STN: 20000303
Entered Medline: 19910214

=> d his

(FILE 'HOME' ENTERED AT 13:12:33 ON 21 APR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS'
ENTERED AT 13:12:58 ON 21 APR 2005

L1 1235514 S KINASE?

L2 13600 S "LIM"

L3 2061 S L1 AND L2

L4 945 S HUMAN AND L3

L5 409803 S SERINE OR THREONINE

L6 274 S L4 AND L5

L7 6556547 S CLON? OR EXPRESS? OR RECOMBINANT

L8 221 S L6 AND L7

L9 2740139 S ANTIBOD?

L10 66 S L8 AND L9

L11 959617 S POLYCLONAL OR MONOCLONAL

L12 10 S L10 AND L11

L13 10 DUP REM L12 (0 DUPLICATES REMOVED)

L14 162 S L4 AND L9

L15 110 DUP REM L14 (52 DUPLICATES REMOVED)
L16 85578 S "FAB" OR "F(AB')2" OR "FAB"
L17 0 S L15 AND L16

=> e yan c/au

E1	1	YAN BUYU/AU
E2	1	YAN BY ZHANQING/AU
E3	1078	--> YAN C/AU
E4	3	YAN C B/AU
E5	120	YAN C C/AU
E6	11	YAN C C S/AU
E7	3	YAN C CHAN/AU
E8	16	YAN C D/AU
E9	1	YAN C D L/AU
E10	29	YAN C F/AU
E11	55	YAN C G/AU
E12	493	YAN C H/AU

=> s e3

L18 1078 "YAN C"/AU

=> e ketchum k a/au

E1	1	KETCHUM JR R L/AU
E2	33	KETCHUM K/AU
E3	215	--> KETCHUM K A/AU
E4	1	KETCHUM K J/AU
E5	31	KETCHUM K L/AU
E6	22	KETCHUM KAREN/AU
E7	188	KETCHUM KAREN A/AU
E8	1	KETCHUM KAREN ANN/AU
E9	2	KETCHUM KATHY/AU
E10	2	KETCHUM KATHY L/AU
E11	4	KETCHUM KEVIN/AU
E12	3	KETCHUM KEVIN L/AU

=> s e3-e7

L19 457 ("KETCHUM K A"/AU OR "KETCHUM K J"/AU OR "KETCHUM K L"/AU OR
"KETCHUM KAREN"/AU OR "KETCHUM KAREN A"/AU)

=> e difrancesco v/au

E1	1	DIFRANCESCO U/AU
E2	1	DIFRANCESCO U M/AU
E3	100	--> DIFRANCESCO V/AU
E4	17	DIFRANCESCO VALENTINA/AU
E5	1	DIFRANCESCO L/AU
E6	1	DIFRANCESCO D/AU
E7	2	DIFRANCESCO L/AU
E8	1	DIFRANCESCO R/AU
E9	1	DIFRANCESCO ROBIN/AU
E10	1	DIFRANCESCO L/AU
E11	6	DIFRANCIA C/AU
E12	4	DIFRANCIA CELENE/AU

=> s e3-e4

L20 117 ("DIFRANCESCO V"/AU OR "DIFRANCESCO VALENTINA"/AU)

=> e beasley e m/au

E1	1	BEASLEY E H/AU
E2	6	BEASLEY E L/AU
E3	314	--> BEASLEY E M/AU
E4	7	BEASLEY E O/AU
E5	1	BEASLEY E S G/AU
E6	2	BEASLEY E T/AU

E7 4 BEASLEY E W/AU
E8 2 BEASLEY E W 3RD/AU
E9 2 BEASLEY E W III/AU
E10 1 BEASLEY E W JR/AU
E11 1 BEASLEY EDWARD E/AU
E12 1 BEASLEY EDWARD EVANS/AU

=> s e3

L21 314 "BEASLEY E M"/AU

=> d his

(FILE 'HOME' ENTERED AT 13:12:33 ON 21 APR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS'
ENTERED AT 13:12:58 ON 21 APR 2005

L1 1235514 S KINASE?
L2 13600 S "LIM"
L3 2061 S L1 AND L2
L4 945 S HUMAN AND L3
L5 409803 S SERINE OR THREONINE
L6 274 S L4 AND L5
L7 6556547 S CLON? OR EXPRESS? OR RECOMBINANT
L8 221 S L6 AND L7
L9 2740139 S ANTIBOD?
L10 66 S L8 AND L9
L11 959617 S POLYCLONAL OR MONOCLONAL
L12 10 S L10 AND L11
L13 10 DUP REM L12 (0 DUPLICATES REMOVED)
L14 162 S L4 AND L9
L15 110 DUP REM L14 (52 DUPLICATES REMOVED)
L16 85578 S "FAB" OR "F(AB')2" OR "FAB"
L17 0 S L15 AND L16
E YAN C/AU
L18 1078 S E3
E KETCHUM K A/AU
L19 457 S E3-E7
E DI FRANCESCO V/AU
L20 117 S E3-E4
E BEASLEY E M/AU
L21 314 S E3

=> s l18 or l19 or l20 or l21

L22 1725 L18 OR L19 OR L20 OR L21

=> s l15 and l22

L23 1 L15 AND L22

=> d all

L23 ANSWER 1 OF 1 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
AN 2002-19955 BIOTECHDS
TI An isolated LIM domain kinase polypeptide useful as a
model for developing human therapeutic targets, to aid in
identification of therapeutics and to serve as targets for developing
kinase activity modulators in cells;
recombinant enzyme protein production for use in disease therapy and
diagnosis
AU YAN C; KETCHUM K A; DI FRANCESCO V; BEASLEY E
M
PA PE CORP NY
PI US 6403353 11 Jun 2002
AI US 2001-978197 22 Mar 2001

PRAI US 2001-978197 17 Oct 2001

DT Patent

LA English

OS WPI: 2002-536038 [57]

AB DERWENT ABSTRACT:

NOVELTY - An isolated LIM domain kinase (LIMK) polypeptide (I) having a fully defined sequence of 255 amino acids as given in specification, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a composition comprising (I) and a carrier.

BIOTECHNOLOGY - Preparation: (I) is prepared by standard recombinant techniques.

ACTIVITY - None given.

MECHANISM OF ACTION - None given.

USE - (I) can be used as a model for the development of human therapeutic targets, aid in the identification of therapeutic proteins and serve as targets for the development of human therapeutic agents that modulate kinase activity in cells and tissue that express the kinase. (I) can be used as a query sequence to perform a search against sequence databases to, identify other family members or related sequences. (I) is used to raise antibodies or to elicit another immune response, as a reagent in assays designed to quantitatively determine levels of the protein in biological fluids, and as markers for tissues in which the corresponding protein is preferentially expressed. The kinase proteins isolated from humans and their human/mammalian orthologs serve as targets for identifying agents for use in mammalian therapeutic applications, and biological assays related to kinase proteins that are related to members of the serine/threonine subfamily. The proteins can also be used in screening assays to screen a compound for its ability to stimulate or inhibit interaction between kinase protein and a molecule that normally interacts with the kinase protein. The proteins also provide a target for diagnosing a disease or predisposition to disease mediated by the peptide, and in pharmacogenomic analysis. The peptides are also useful for treating a disorder characterized by absence of, inappropriate or unwanted expression of the protein. The proteins are useful in drug screening assays; end point assays to identify compounds that modulate kinase activity; in competition binding assays in methods designed to discover compounds that interact with the kinase; as a target for diagnosing active protein activity, disease or predisposition to disease in a patient with the variant peptide, particularly activities and conditions that are known for other members of the serine/threonine kinase subfamily proteins.

ADMINISTRATION - No details given.

EXAMPLE - No preparative example given. (82 pages)

CC THERAPEUTICS, Protein Therapeutics; GENETIC TECHNIQUES and APPLICATIONS, Gene Expression Techniques and Analysis; DIAGNOSTICS, Molecular Diagnostics; GENETIC TECHNIQUES and APPLICATIONS, Genomic Technologies; BIOINFORMATICS and ANALYSIS, Databases

CT HUMAN RECOMBINANT LIM DOMAIN SERINE, THREONINE PROTEIN-KINASE SUBFAMILY, APPL. HUMAN THERAPY, DIAGNOSIS, DRUG TARGET, DRUG SCREENING, QUERY SEQUENCE, DATABASE, TISSUE MARKER, PHARMACOGENOMICS MAMMAL ANIMAL ENZYME EC-2.7.1.37 PROTEIN SEQUENCE (21, 52)

=> d his

(FILE 'HOME' ENTERED AT 13:12:33 ON 21 APR 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS' ENTERED AT 13:12:58 ON 21 APR 2005

L1 1235514 S KINASE?
L2 13600 S "LIM"
L3 2061 S L1 AND L2
L4 945 S HUMAN AND L3
L5 409803 S SERINE OR THREONINE
L6 274 S L4 AND L5
L7 6556547 S CLON? OR EXPRESS? OR RECOMBINANT
L8 221 S L6 AND L7
L9 2740139 S ANTIBOD?
L10 66 S L8 AND L9
L11 959617 S POLYCLONAL OR MONOCLONAL
L12 10 S L10 AND L11
L13 10 DUP REM L12 (0 DUPLICATES REMOVED)
L14 162 S L4 AND L9
L15 110 DUP REM L14 (52 DUPLICATES REMOVED)
L16 85578 S "FAB" OR "F(AB')2" OR "FAB"
L17 0 S L15 AND L16
E YAN C/AU
L18 1078 S E3
E KETCHUM K A/AU
L19 457 S E3-E7
E DIFRANCESCO V/AU
L20 117 S E3-E4
E BEASLEY E M/AU
L21 314 S E3
L22 1725 S L18 OR L19 OR L20 OR L21
L23 1 S L15 AND L22

10/820,230

	L #	Hits	Search Text
1	L1	58534	kinase\$2
2	L2	18368	"LIM"
3	L3	474	l1 same l2
4	L4	47748 5	human
5	L5	222	l3 same l4
6	L6	12877 4	antibod\$3 or monoclonal or polyclonal
7	L7	19	l5 same l6
8	L8	344	l2 same l6
9	L9	88	l4 same l8
10	L10	43332	"fab" or "f(ab')2"
11	L11	2	l3 same l10
12	L12	15222	YAN KETCHUM DIFRANCESCO BEASLEY
13	L13	26	l3 and l12

	Issue Date	Pages	Document ID	Title
1	20050317	76	US 20050058631 A1	Postpartum cells derived from placental tissue, and methods of making and using the same
2	20050317	53	US 20050058630 A1	Postpartum-derived cells for use in treatment of disease of the heart and circulatory system
3	20050317	59	US 20050058629 A1	Soft tissue repair and regeneration using postpartum-derived cells
4	20050310	67	US 20050054098 A1	Postpartum cells derived from umbilical cord tissue, and methods of making and using the same
5	20050217	21	US 20050037987 A1	Methods of identifying kinases and uses thereof
6	20050217	55	US 20050037491 A1	Repair and regeneration of ocular tissue using postpartum-derived cells
7	20050210	53	US 20050032209 A1	Regeneration and repair of neural tissue using postpartum-derived cells
8	20050127	61	US 20050019865 A1	Cartilage and bone repair and regeneration using postpartum-derived cells
9	20050113	23	US 20050008643 A1	Diagnostic methods and agents
10	20040812	87	US 20040156854 A1	Methods for the identification, assessment, and treatment of patients with proteasome inhibition therapy
11	20040722	293	US 20040142335 A1	Method for determining skin stress or skin ageing in vitro

	Issue Date	Pages	Document ID	Title
12	20040415	337	US 20040072160 A1	Molecular toxicology modeling
13	20040129	111	US 20040018513 A1	Classification and prognosis prediction of acute lymphoblastic leukemia by gene expression profiling
14	20040115	53	US 20040009154 A1	Selections of genes and methods of using the same for diagnosis and for targeting the therapy of select cancers
15	20040101	106	US 20040002067 A1	Breast cancer progression signatures
16	20030904	35	US 20030165924 A1	Genes expressed in foam cell differentiation
17	20020530	203	US 20020064855 A1	Genes that regulate hematopoietic blood forming stem cells and uses thereof
18	20041026	48	US 6808887 B2	Uses of Ku70
19	20021119	128	US 6482795 B1	Tumor suppressor designated TS10q23.3

	Issue Date	Pages	Document ID	Title
1	20050317	97	US 20050059147 A1	Human mesenchymal progenitor cell
2	20050317	21	US 20050059146 A1	Method for recloning production cells
3	20050317	76	US 20050058631 A1	Postpartum cells derived from placental tissue, and methods of making and using the same
4	20050317	53	US 20050058630 A1	Postpartum-derived cells for use in treatment of disease of the heart and circulatory system
5	20050317	59	US 20050058629 A1	Soft tissue repair and regeneration using postpartum-derived cells
6	20050310	67	US 20050054098 A1	Postpartum cells derived from umbilical cord tissue, and methods of making and using the same
7	20050217	21	US 20050037987 A1	Methods of identifying kinases and uses thereof
8	20050217	55	US 20050037491 A1	Repair and regeneration of ocular tissue using postpartum-derived cells
9	20050210	53	US 20050032209 A1	Regeneration and repair of neural tissue using postpartum-derived cells
10	20050127	61	US 20050019865 A1	Cartilage and bone repair and regeneration using postpartum-derived cells
11	20050113	23	US 20050008643 A1	Diagnostic methods and agents

	Issue Date	Pages	Document ID	Title
12	20050113	31	US 20050008625 A1	Antibody affinity engineering by serial epitope-guided complementarity replacement
13	20041202	34	US 20040242848 A1	Mouse/human chimeric anti-phencyclidine antibody and uses thereof
14	20040819	195	US 20040162303 A1	4-aminopyrimidine-5-one derivatives
15	20040812	87	US 20040156854 A1	Methods for the identification, assessment, and treatment of patients with proteasome inhibition therapy
16	20040722	293	US 20040142335 A1	Method for determining skin stress or skin ageing in vitro
17	20040506	83	US 20040087594 A1	Diaminothiazoles having antiproliferative activity
18	20040506	32	US 20040086527 A1	Protecting against canine oral papillomavirus (COPV)
19	20040429	83	US 20040082595 A1	Intermediates useful in the preparation of diaminothiazoles
20	20040429	18	US 20040082533 A1	Electro-gene therapy of arthritis by using an expression plasmid encoding the soluble p75 tumor necrosis factor receptor-Fc fusion protein
21	20040415	337	US 20040072160 A1	Molecular toxicology modeling
22	20040129	111	US 20040018513 A1	Classification and prognosis prediction of acute lymphoblastic leukemia by gene expression profiling

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23	20040115	53	US 20040009154 A1	Selections of genes and methods of using the same for diagnosis and for targeting the therapy of select cancers
24	20040108	138	US 20040006058 A1	DIAMINOTHIAZOLES
25	20040108	16	US 20040005646 A1	Use of the S2-6 gene product as a diagnostic marker for cancer detection
26	20040101	106	US 20040002067 A1	Breast cancer progression signatures
27	20031030	70	US 20030203483 A1	Human mesenchymal progenitor cell
28	20031023	50	US 20030198971 A1	Reactivation-based molecular interaction sensors
29	20030904	35	US 20030165924 A1	Genes expressed in foam cell differentiation
30	20030703	28	US 20030125248 A1	Novel bone mineralization proteins, DNA, vectors expression systems
31	20030417	25	US 20030073135 A1	Methods for improving a photosynthetic carbon fixation enzyme
32	20030410	36	US 20030068664 A1	Measuring circulating therapeutic antibody, antigen and antigen/antibody complexes using elisa assays
33	20030410	11	US 20030068308 A1	Intrasplenic encapsulated cell therapy
34	20021226	29	US 20020197264 A1	Protecting against canine oral papillomavirus (COPV)
35	20021114	62	US 20020170079 A1	Human LIM proteins

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36	20021017	86	US 20020151554 A1	Diaminothiazoles having antiproliferative activity
37	20020912	42	US 20020127238 A1	HIV-1 vaccines and screening methods therefor
38	20020704	27	US 20020086987 A1	Novel bone mineralization proteins, DNA, vectors, expression systems
39	20020627	196	US 20020081659 A1	Nucleic acids, proteins and antibodies
40	20020627	16	US 20020081639 A1	Master molecular rheostat switch for cell signaling
41	20020606	18	US 20020068326 A1	PAPILLOMAVIRUS VACCINES
42	20020530	203	US 20020064855 A1	Genes that regulate hematopoietic blood forming stem cells and uses thereof
43	20020328	69	US 20020037850 A1	Novel polypeptides and nucleic acids encoding same
44	20020207	29	US 20020015710 A1	A FORMALIN-INACTIVATED HUMAN PAPILLOMAVIRUS L1 PROTEIN VACCINE
45	20050308	48	US 6863880 B2	Methods to diagnose a required regulation of trophoblast invasion
46	20050201	95	US 6849727 B1	DNA encoding mammalian neuropeptide FF (NPFF) receptors and uses thereof
47	20050125	24	US 6846649 B1	Recombinant human mannan-binding lectin
48	20041228	16	US 6835710 B1	Verotoxin pharmaceutical compositions and medical treatments therewith
49	20041207	28	US 6828471 B2	Mice models of human prostate cancer
50	20041116	113	US 6818663 B2	Diaminothiazoles

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51	20041109	27	US 6815574 B2	Methods of simulating human prostate cancer progression
52	20041026	48	US 6808887 B2	Uses of Ku70
53	20041005	57	US 6800458 B1	Manganese superoxide dismutase regulatory elements and uses thereof
54	20040907	20	US 6787311 B1	Diagnosis of premature ovarian failure
55	20040629	73	US 6756374 B2	Diaminothiazoles having antiproliferative activity
56	20040302	16	US 6699674 B2	Expression and refolding of truncated recombinant major outer membrane protein antigen (R56) of orientia tsutsugamushi and its use in antibody based detection assays and vaccines
57	20040127	9	US 6682728 B1	Efficient and selective adenoviral-mediated gene transfer into vascular neointima
58	20031223	181	US 6667175 B1	Generation of antigen specific T suppressor cells for treatment of rejection
59	20031111	17	US 6645725 B2	Diagnostic assay for endometriosis
60	20031007	25	US 6630455 B1	Methods for inducing mucosal immune responses
61	20030902	14	US 6613519 B1	Method of determining a risk of hyperglycemic patients of developing a cardiovascular disease

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62	20030826	85	US 6610294 B1	Methods of inhibiting an autoimmune response in a human suffering from an autoimmune disease by administering an antibody that binds to a protein to which monoclonal antibody 5C8 binds
63	20030204	42	US 6514935 B1	Methods of treating hypertension
64	20021126	30	US 6485728 B2	Formalin-Inactivated human papillomavirus L1 protein vaccine
65	20021119	19	US 6482928 B1	Fab'-epitope complex from HIV-1 cross-neutralizing monoclonal antibody 2F5
66	20021119	128	US 6482795 B1	Tumor suppressor designated TS10q23.3
67	20021119	16	US 6482415 B1	Expression and refolding of truncated recombinant major outer membrane protein antigen (r56) of Orientia tsutsugamushi and its use in antibody based detection assays and vaccines
68	20020813	41	US 6432403 B1	Antibodies to polypeptides having prenylcysteine carboxyl methyltransferase activity or inhibiting activity
69	20020604	9	US 6399353 B1	Papillomavirus: biosynthetic process and assays
70	20020319	24	US 6358688 B1	Immortalized human middle ear epithelial cell lines
71	20020212	53	US 6346249 B1	Methods for reducing the effects of cancers that express A33 antigen using A33 antigen specific immunoglobulin

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72	20020129	46	US 6342587 B1	A33 antigen specific immunoglobulin products and uses thereof
73	20011225	11	US 6333035 B1	Medicinal composition containing gp34 binding-inhibitor as the active ingredient
74	20010612	15	US 6245522 B1	Master molecular rheostat switch for cell signaling
75	20010403	15	US 6211340 B1	.delta.-sarcoglycan antibodies
76	20000613	23	US 6075128 A	Materials and methods for isolating IgA immunoglobulins
77	19990928	31	US 5959081 A	Zinc binding LIM protein S2-6
78	19990525	74	US 5907078 A	Transgenic mouse model for prostate cancer
79	19990223	32	US 5874089 A	Protecting against canine oral papillomavirus (copy)
80	19990126	57	US 5863898 A	Human lim proteins
81	19981117	14	US 5837537 A	.delta.-sarcoglycan nucleic acid sequences
82	19980127	38	US 5712369 A	Isolated protein which binds to A33 antibody, and peptides corresponding to portions of the protein
83	19970701	22	US 5644030 A	Gene and method for production of an IgA binding protein
84	19951205	15	US 5472696 A	Antigen of group B streptococci
85	19950509	25	US 5413918 A	Gene and method for production of a 40-45-kDa IgA binding protein
86	19930921	7	US 5246833 A	Kit for diagnosis of P. carinii and method thereof
87	19920324	13	US 5098827 A	Novel bacterial markers for pathogenic group B streptococci

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88	19900515	6	US 4925800 A	Monoclonal antibody against human pneumocystis carinii

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1	20031204	115	US 20030224386 A1	Compositions, kits, and methods for identification, assessment, prevention, and therapy of rheumatoid arthritis
2	19990112	42	US 5858662 A	Diagnosis of Williams syndrome and Williams syndrome cognitive profile by analysis of the presence or absence of a LIM-kinase gene

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1	20050303	232	US 20050048490 A1	Proteins associated with cell growth, differentiation, and death
2	20050224	26	US 20050042671 A1	Modulation of angiogenesis
3	20050210	142	US 20050032696 A1	Muscle transcription factors
4	20040909	85	US 20040175751 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
5	20040729	18	US 20040146894 A1	Methods of diagnosing and treating stress urinary incontinence
6	20040318	209	US 20040053317 A1	Gene segregation and biological sample classification methods
7	20040304	107	US 20040044184 A1	Cytoskeleton-associated proteins
8	20040212	40	US 20040029151 A1	Molecular genetic profiling of gleason grades 3 and 4/5 prostate cancer
9	20040129	234	US 20040018525 A1	Methods and compositions for the prediction, diagnosis, prognosis, prevention and treatment of malignant neoplasma
10	20040122	74	US 20040014193 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
11	20030904	43	US 20030166220 A1	CDNA, GENOMIC, AND PREDICTED PROTEIN SEQUENCES OF LEARNING-INDUCED KINASES

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12	20030904	85	US 20030166215 A1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
13	20030807	107	US 20030148264 A1	Phage displayed PDZ domain ligands
14	20030703	49	US 20030125265 A1	Anti-estrogen receptor agents for chemotherapy
15	20030619	63	US 20030113897 A1	Mutant p21Cip1/WAF1 and cell growth control and cell growth control
16	20030619	24	US 20030113762 A1	Gleason grade 4/5 prostate cancer genes
17	20030529	46	US 20030100027 A1	Methods and compositions using coiled binding partners
18	20020530	203	US 20020064855 A1	Genes that regulate hematopoietic blood forming stem cells and uses thereof
19	20041207	47	US 6828106 B2	Methods and compositions using coiled binding partners
20	20040525	81	US 6740513 B2	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
21	20031216	41	US 6664086 B2	cDNA, genomic, and predicted protein sequences of learning-induced kinases
22	20020806	37	US 6429196 B1	Treatment of balance impairments
23	20020806	42	US 6429191 B1	Treatment of hearing impairments
24	20020806	41	US 6428994 B1	cDNA, genomic, and predicted protein sequences of learning-induced kinases

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25	20020611	82	US 6403353 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof
26	20020122	88	US 6340583 B1	Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof